

Excellence for industrial coating.

Experience

WAGNER

WAGNER is one of the market leading manufacturers of high tech systems and components for the application of liquid and powder lacquers and other paints to surfaces. WAGNER offers a complete product and technology range, starting with feeding the material to mixing, dosing, motion and control technology including material logistics; finishing with the application of various materials to the surfaces.

The WAGNER Group operates globally with approximately 1,450 employees, 19 operative companies and about 300 international WAGNER sales branches. We have seven technology centers for research and development worldwide: In workshops equipped with the latest technology customers may apply coating to their product under real-life production conditions and determine the most cost-effective system configuration.

We ensure the high quality of all WAGNER products with a quality assurance system covering all business processes: design and development, production, process technology, marketing, sales and service.

Consultation / contact person

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The big WAGNER
Liquid application
2014

Legend



Liquid application

AL

Suitable for Airless applications

AC

Suitable for AirCoat applications

AS

Suitable for Airspray applications



Protective coating



Metal coating



Wood coating



Plastic coating



Complies with CE directive



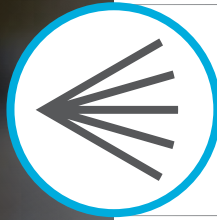
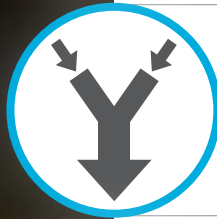
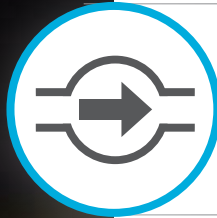
Complies with ATEX directive

Experience fascinating surfaces



Products from WAGNER Industrial Solutions stand for maximum reliability, quality for your specific requirements.

Furniture, walls, garden fences, construction machines, mobile phones, wheel rims, leather sofas, or perfume bottles - there is hardly any object that does not come with a coating. The reason is obvious: among others, the surface determines the function, durability and the attractiveness of an object.



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Join us in the world of perfect surfaces. Our know-how makes WAGNER one of the world's leading manufacturers of devices and system for surface coating. Be inspired and rest assured that you will find the best solution for you here.

We accept challenges.

WAGNER Industrial Solutions offers devices, equipment, and systems for all industrial surface coating applications. Our innovative products and solutions stand out due to their quality, efficiency and productivity.

As a market leading manufacturer of high tech systems, we offer components for the application of liquid and powder lacquers and paints to surfaces. As one of the few providers in this market we offer a complete product and technology range for the complete process sequence, starting with feeding the product, followed by mixing, moving and controlling to finishing the optimal application to the surface. Efficient use of resources, maximum quality and cost-effectiveness is our maxim - in every case!



WAGNER Development center

The modernly equipped WAGNER Development Center sets new standards for the development of products and solutions for the surface coating industry - be it for the first idea or the series production start. The WAGNER Development Center also ensures compliance with all national and international standards and regulation as part of the product development.

WAGNER Technology center

At our Markdorf location, WAGNER has a unique technology center with a floor space of more than 1,400 m² for liquid and powder coating. Here products and systems can be coated with liquid and powder lacquers under real-life production conditions. On the basis of insights gained during these trials, efficient system concepts are developed and implemented in cooperation with our experts.

WAGNER Service

Always near you - the WAGNER service network. WAGNER offers its customers global service. At our locations you will always find the right contact person with an answer to all technical questions. Regular maintenance of your system ensures high process safety and reliability. The latest developments and updates may be very useful for your processes. We gladly share this knowledge with you. Either during servicing - as we are already on site, or please take advantage of our training program!

WAGNER Distribution support

Become a WAGNER distributor: We offer a comprehensive sales support and provide comprehensive documentation, tools, and further information, our highly qualified members of staff are here to assist you.

Here some examples:

- Product and accessories catalog
- price lists
- brochures, posters etc.
- operating manuals
- InfoNet - the WAGNER IS
- WAGNER dealer shop
- Information portal



Discover what is **New at WAGNER.**

Discover the new products and innovations for 2014!



High-pressure piston pumps

Jaguar 55-200

The WAGNER Jaguar 55-200 meets extreme protective coating requirements with the highest reliability, for maximum performance and for optimum corrosion protection.

See page 32



Electronic mixing and dosing system

TwinControl 55-200

Electronic mixing and dosing system for heavy corrosion protection. Airless applications for up to 530 bar pose no challenge to this system.

See page 84



Electronic mixing and dosing system

FlexControl Smart

The smart introduction to electronically controlled mixing technologies for quick and efficient operation and precise dosing.

See page 94

AirCoat automatic gun

GA 4000AC Series

The GA 4000 AC series improved dismountable packing allows for cost savings and efficient service.

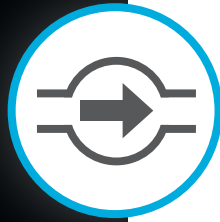
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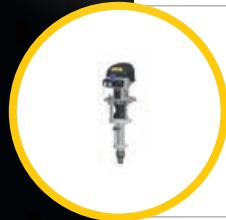
A close-up photograph of a Wagner Jaguar sprayer. The device is primarily black with a prominent blue adjustment knob. A yellow label with the Wagner logo and the word "Jaguar" is visible. A pressure gauge and a black solenoid valve are also part of the assembly. A red hose is connected to the bottom of the unit. The background is dark, making the metallic and plastic components stand out.

Strong performance for outstanding results.

Lacquers, stains, separating agents, primers, adhesives and chemicals, whether they have a high or low viscosity, are watery or have a high solid content – WAGNER offers the right pump for every material and every application. By developing pumps that feature constant performance, low icing air motors, reliability, service friendliness, minimal wear and low energy consumption, WAGNER has created a broad product spectrum that contains a solution for every requirement.



Feeding



Finishing piston pumps

10



Protective coating piston pumps

28



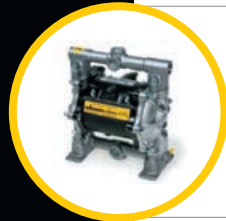
Feeding pumps

36



High pressure diaphragm pumps

44



Low pressure diaphragm pumps

50



Pressure tanks

66

Finishing piston pumps

With the IceBreaker finishing piston pumps, WAGNER covers the entire spectrum of industrial applications. Whether window manufacturer or automated multiple gun application in the furniture industry, low viscosity glaze or high-viscosity high-solid lacquers: The product range fulfills all possible requirements. The pumps are highly energy efficient and durable. The air motors work without icing and thanks to their very low pulsation, always produce optimal spraying results. The air motors work without icing and thanks to their very low pulsation, always produce optimal spraying results.

Feeding

Finishing piston pumps

1. Reliable

The maintenance-free controller with extremely low pulsation ensures excellent reliability even in continuous operation.

2. User Friendliness

The integrated compact pressure regulator unit makes the setting of the pump pressure and the air flow of AirCoat applications an easy task.

3. Under Full Pressure

Regardless of with how much pressure the air motor operates, the full system pressure is always applied to the control. Thus the pump operates reliably even for low operating pressures without stopping.

4. Optimum Service

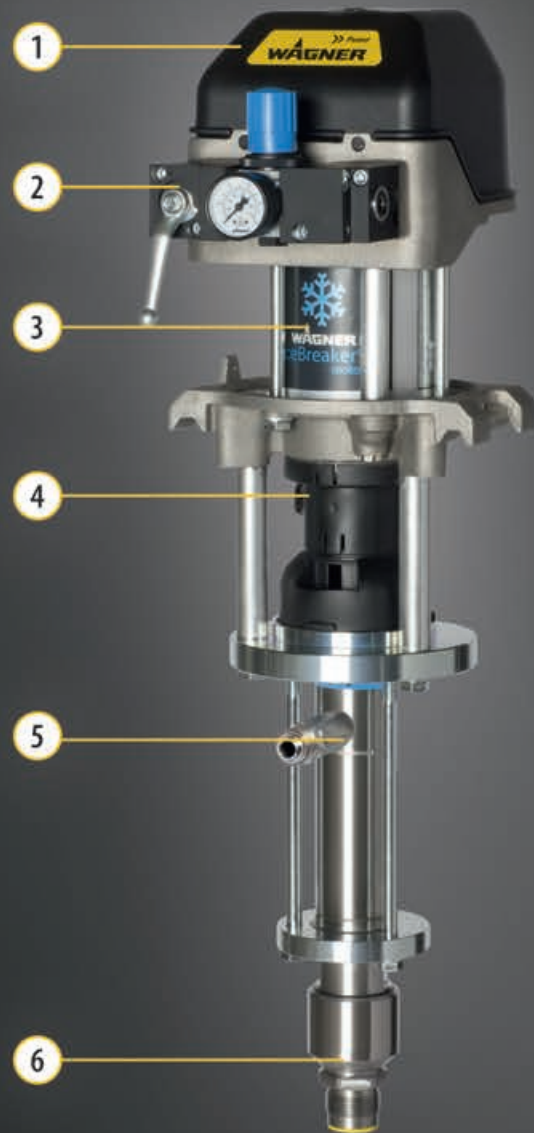
Easy to clean separating agent chamber. Quick and easy change of the self-adjusting packages without any special tools.

5. Equipped for Every Application

The fluid section is completely made of stainless steel and ensures a long service life with minimum wear even when used with abrasive, chemical, or corrosive materials.

6. Material-friendly

Large valve cross-sections ensure an optimal and material-friendly flow.



Overview WAGNER finishing piston pumps

WAGNER offers a comprehensive finishing piston pump range. Please choose the perfect solution for your requirements from the following table. Further information can be found in the product pages.

	EvoMotion 20-30S piston pump	EvoMotion 40-15S piston pump	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 15-70	Puma 21-110	Puma 15-150	Leopard 35-70	Leopard 35-150	Leopard 18-300	Jaguar 38-300
Material properties												
Water-based products	●	●	●	●	●	●		●	●	●	●	●
Solvent-based products	●	●	●	●	●	●		●	●	●	●	●
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●	●	●		●	●	●	●	●
Medium viscosity (40 ... 60 sec. DIN No. 4)	●	●	●	●	●	●		●	●	●	●	●
High viscosity (>60 sec. DIN No. 4)									●	●		●
UV sensitive products							●	●		●	●	●
Shear sensitive products			●	●	●	●	●	●	●	●	●	●
Humidity sensitive products			●	●	●	●	●	●	●	●	●	●
Basic atomization												
Airspray												
AirCoat 160 bar max	●	●	●	●	●	●	●	●	●	●	●	
AirCoat 250 bar max		●							●	●		●
Airless 270 bar max		●			●				●	●		●
Airless 400 bar max												
Airless 530 bar max												
Liquid feeding				●		●		●			●	
Max. number of guns												
1 gun, nozzle 0.017"	●	●	●	●	●	●	●	●	●	●	●	●
2 guns, nozzle 0.017"			●	●	●	●	●	●	●	●	●	●
3 guns, nozzle 0.017"				●	●	●	●	●	●	●	●	●
4 guns, nozzle 0.017"				●	●	●	●	●	●	●	●	●
1 gun, nozzle 0.021"				●	●	●	●	●	●	●	●	●
2 guns, nozzle 0.021"				●	●	●	●	●		●	●	●
3 Pistolen, Düse 0,021"							●	●		●	●	●
4 guns, nozzle 0.021"								●			●	●

● very suitable
● suitable to a limited extent

EvoMotion 40-15S

High-pressure piston pumps

High-pressure piston pump, stainless steel, for Airless and AirCoat applications up to 320 bar and 0.9 L/min. Ideal, for example, for professional single-item lacquer stations in production and in workshops.



Technical data	
Pump ratio	40 :1
Operating pressure	320 bar, 4641 PSI
Volumetric flow per double stroke	15 cm ³ /DS, 0,92 in ³ /DH
Volumetric flow per 60 DH	0.9 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-1/4" NPS
Air inlet connection	8 mm
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	9,0 kg, 19.8 lb

Feeding

Finishing piston pumps

Material wetted parts

- Stainless steel
- PTFE
- PA

Included items

- Pump with air regulator and hose connection fitting
- Designed for installation on wall mount, frame or trolley
- Release agent bottle 250 cm³
- User manual
- CE declaration of conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. EvoMotion 40-15S PE/T	2329450		- ILCGR
SP EM40-15 AG14AL	2335075		- ILGR
SP EM40-15 GM4700AC	2335175		- ILGR
SP EM40-15 AL	2335287		- ILGR

EvoMotion 20-30S

High-pressure piston pumps

High-pressure piston pump, stainless steel, for Airless and AirCoat applications up to 160 bar and 1.8 L/min. Ideal, for example, for professional lacquer stations in single-item production and for workshops.



Technical data	
Pump ratio	20 :1
Operating pressure	160 bar, 2321 PSI
Volumetric flow per double stroke	30 cm ³ /DS, 1,83 in ³ /DH
Volumetric flow per 60 DH	1.8 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M36x2
Material outlet	M-1/4" NPS
Air inlet connection	8 mm
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	11,0 kg, 24.3 lb

Material wetted parts

- Stainless steel
- PTFE
- PA

Included items

- Pump with air regulator and hose connection fitting
- Designed for installation on wall mount, frame or trolley
- Release agent bottle 250 cm³
- User manual
- CE declaration of conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. EvoMotion 20-30 PE/T	2329452		- ILCGR
SP EM20-30 GM4700AC	2335176		- ILGR
SP EM20-30 AC	2335086		- ILGR
SP EM20-30 GM4700AC-Hopper	2335289		- ILGR

Wildcat 18-40

High-pressure piston pumps

High pressure piston pump, stainless steel, for AirCoat applications to 140 bar and 2.4 L/min. Ideal, for example, for professional single-item lacquer stations in production and in the workshop.



Technical data	
Pump ratio	18 :1
Operating pressure	144 bar, 2089 PSI
Volumetric flow per double stroke	40 cm ³ /DS, 2,44 in ³ /DH
Volumetric flow per 60 DH	2.4 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G 1/2"
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	15,0 kg, 33.1 lb

Feeding

Finishing piston pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Wildcat 18-40 PE/TG	2329456		- ILGR
PistonP. Wildcat 18-40 PE/T	2329458		- ILGR
SP WildCat18-40 AC	2335090		- ILGR
SP WildCat18-40 GM4100AC	2335092		- ILGR
SP WildCat18-40 GM4700AC	2335177		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 3"/75	366995		- ILET
Service kit fluid section 40 ccm PE+TG	367990		- ILET
Service kit fluid section 40 ccm PE+T	367994		- ILET

Wildcat 10-70

High-pressure piston pumps

High pressure piston pump, stainless steel, for AirCoat applications up to 80 bar and 4 L/min. Ideal, for example, for small material supply stations and individual coating stations.



Technical data	
Pump ratio	10 :1
Operating pressure	80 bar, 1160 PSI
Volumetric flow per double stroke	70 cm ³ /DS, 4,27 in ³ /DH
Volumetric flow per 60 DH	4.2 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G 1/2"
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	17,0 kg, 37.5 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Wildcat 10-70 PE/TG	2329460		- ILGR
PistonP. Wildcat 10-70 PE/T	2329462		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 3"/75	366995		- ILET
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit paint section70/150ccm PE+T	368994		- ILET

Puma 28-40

High-pressure piston pumps

High-pressure piston pump, stainless steel, for Airless and AirCoat applications up to 220 bar and 2.4 L/min. Ideal, for example, for professional individual lacquer stations or as a hardener pump.



Technical data	
Pump ratio	28 :1
Operating pressure	224 bar, 3249 PSI
Volumetric flow per double stroke	40 cm ³ /DS, 2,44 in ³ /DH
Volumetric flow per 60 DH	2.4 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	16,0 kg, 35.3 lb

Feeding

Finishing piston pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
PistonP. Puma 28-40 PE/TG	2329467		- ILGR
PistonP. Puma 28-40 PE/T	2329469		- ILGR
SP Puma28-40 GM4700AC	2335179		- ILGR
SP Puma28-40 GM4700AC-Stand	2335290		- ILGR
SP Puma28-40 AC	2335291		- ILGR
Spray pack configuration Finishing VC	2333720		- ILGR

Service sets	Item no.	Price	PH 2
Service kit fluid section 40 ccm PE+TG	367990		- ILET
Service kit fluid section 40 ccm PE+T	367994		- ILET
Service kit airmotor 4"	367995		- ILET

Puma 15-70

High-pressure piston pumps

High pressure piston pump, stainless steel, for AirCoat applications up to 120 bar and 4 L/min. Ideal, for example, for industrial coating in the wood and metals industries.



Technical data	
Pump ratio	15 :1
Operating pressure	120 bar, 1740 PSI
Volumetric flow per double stroke	70 cm ³ /DS, 4,27 in ³ /DH
Volumetric flow per 60 DH	4.2 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 – 80 °C, 41 – 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	18,0 kg, 39.7 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Puma 15-70 PE/TG	2329471		- ILGR
PistonP. Puma 15-70 PE/T	2329473		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 4"	367995		- ILET
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit paint section70/150ccm PE+T	368994		- ILET

Puma 21-110

High-pressure piston pumps

High pressure piston pump, stainless steel, for AirCoat applications up to 168 bar and 6.6 L/min. Ideal, for example, for multiple guns in a flatbed machine.



Technical data	
Pump ratio	21 :1
Operating pressure	168 bar, 2437 PSI
Volumetric flow per double stroke	110 cm ³ /DS, 6,71 in ³ /DH
Volumetric flow per 60 DH	6.6 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	28,0 kg, 61.7 lb

Feeding

Finishing piston pumps

Material wetted parts

- Carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistenP. Puma 21-110 PE/TG	2329517		- ILGR
PistenP. Puma 21-110 PE/T	2330614		- ILGR

Service sets	Item no.	Price	PH 2
Service kit fluid section 110 ccm PE+TG	368997		- ILET
Spare part set fluid section PP110 PE+T	2304930		- ILET
Service kit fluid section PP110 PE+L	2319924		- ILET
Service kit airmotor 4"	367995		- ILET

Puma 15-150

High-pressure piston pumps

High-pressure piston pump, stainless steel for AirCoat applications up to 120 bar and 9 l/min. Ideal for e.g. industrial coatings in the wood and metal industries, use of multiple guns.



Technical data	
Pump ratio	15 :1
Operating pressure	120 bar, 1740 PSI
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Volumetric flow per 60 DH	9 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3,5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	28,0 kg, 61.7 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Puma 15-150 PE/TG	2329475		- ILGR
PistonP. Puma 15-150 PE/T	2329477		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 4"	367995		- ILET
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit paint section70/150ccm PE+T	368994		- ILET

Leopard 35-70

High-pressure piston pumps

High-pressure piston pump, stainless steel for Airless and AirCoat applications up to 250 bar and 4 l/min. Ideal for e.g. industrial coatings in the wood and metal industries.



Technical data	
Pump ratio	35 :1
Operating pressure	250 bar, 3626 PSI
Volumetric flow per double stroke	70 cm ³ /DS, 4,27 in ³ /DH
Volumetric flow per 60 DH	4.2 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 7,1 bar, 36 – 103 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	26,0 kg, 57.3 lb

Feeding

Finishing piston pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Leopard 35-70 PE/TG	2329479		- ILGR
PistonP. Leopard 35-70 PE/T	2329481		- ILGR
SP Leopard35-70 GM4700AC	2335181		- ILGR
SP Leopard35-70 AG14AL	2335182		- ILGR
SP Leopard 35-70 AL	2335293		- ILGR

Service sets	Item no.	Price	PH 2
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit paint section70/150ccm PE+T	368994		- ILET
Service kit airmotor 6"	368995		- ILET

Leopard 35-150

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless and AirCoat applications up to 250 bar and 9 L/min. Ideal, for example, for industrial coating in the wood and metals industries and the use of multiple guns.



Technical data	
Pump ratio	35 :1
Operating pressure	250 bar, 3626 PSI
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Volumetric flow per 60 DH	9 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 7,7 bar, 36 – 112 PSI
Sound level at 6 bar air pressure	78 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	36,0 kg, 79.4 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Leopard 35-150 PE/TG	2329484		- ILGR
PistonP. Leopard 35-150 PE/T	2329486		- ILGR

Service sets			
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit paint section70/150ccm PE+T	368994		- ILET
Service kit airmotor 6"	368995		- ILET

Leopard 18-300

High-pressure piston pumps

High-pressure piston pump, stainless steel, for AirCoat applications up to 138 bar and 15 L/min. Ideal, for example, for industrial coating in the metals and plastics industries and the use of multiple guns in fully automated lacquer systems.



Technical data

Pump ratio	18 :1
Operating pressure	138 bar, 2002 PSI
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Volumenstrom per 50 DH	15 l/min
Max. stroke rate	50 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G 1/2"
Air inlet pressure	2,5 – 7,7 bar, 36 – 112 PSI
Sound level at 6 bar air pressure	78 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	43,0 kg, 94.8 lb

Feeding

Finishing piston pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Leopard 18-300 PE/TG	2329497		- ILGR
PistonP. Leopard 18-300 PE/T	2329499		- ILGR

Service sets	Item no.	Price	PH 2
Service kit fluid section 300 ccm PE+TG	369990		- ILET
Service kit fluid section 300 ccm PE/T	369964		- ILET
Service kit airmotor 6"	368995		- ILET

Jaguar 38-300

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless and AirCoat applications up to 270 bar and 15 L/min. Ideal, for example, for the use of multiple guns in automated lacquering systems with a large throughput.



Technical data	
Pump ratio	38 :1
Operating pressure	270 bar, 3916 PSI
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Volumenstrom per 50 DH	15 l/min
Max. stroke rate	50 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G 1"
Air inlet pressure	2,5 – 7,1 bar, 36 – 103 PSI
Sound level at 6 bar air pressure	81 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	56,0 kg, 123.5 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Tool set
- Operating manual
- CE Declaration of Conformity
- M36 Suction connection adapter

Ordering information

- Using the spraypack configurator, each pump can be customized by adding a holder, suction system, material filter, hose or spray gun, depending on the requirements.
- A range of ready-to-use spraypacks is also available.

Product variants	Item no.	Price	PH 2
Spray pack configuration Finishing VC	2333720		- ILGR
PistonP. Jaguar 38-300 PE/T	2329507		- ILGR
PistonP. Jaguar 38-300 PE/TG	2329509		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 9"	369987		- ILET
Service kit fluid section 300 ccm PE+TG	369990		- ILET

Finishing piston pump accessories

Wagner offers a comprehensive accessories range for finishing piston pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Feeding

Finishing piston pumps

EvoMotion 20-30S	EvoMotion 40-15S	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 15-70	Puma 21-110	Puma 15-150	Leopard 35-70	Leopard 35-150	Leopard 18-300	Jaguar 38-300
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Mounting equipment														
Trolley 4" assy.	●	●	●	●	●	●	●	●				2325901	-	ILZU
Wall holder 4" assy.	●	●	●	●	●	●	●	●				2332143	-	ILZU
Stand 4" assy.	●	●	●		●							2332374	-	ILZU
Trolley heavy duty Leopard/Jaguar					●			●	●	●	●	369024	-	ILZU
Wall holder 6" assy.								●	●	●		2332145	-	ILZU
Trolley 6" assy.								●	●	●		2325916	-	ILZU
Wall holder 9" assy.											●	369020	-	ILZU

Air supply														
Kit AirCoat air regulator	●	●										T6145.00A	-	ILCZU
AirCoat regulator assy.			●	●	●	●	●	●	●	●	●	2328611	-	ILZU
AirCoat filter regulator assy.			●	●	●	●	●	●	●	●	●	2333478	-	ILZU

Suction system														
Suction hose DN16-SSt assy.	●	●	●	●	●	●	●	●	●			2324110	-	ILZU
Suction pipe DN16-SSt assy.	●	●	●	●	●	●	●	●	●			2324158	-	ILZU
Hopper set 5L for piston pumps	●	●	●	●	●	●		●				2332169	-	ILZU
Suction pipe DN25-SSt assy.			●	●	●	●	●	●	●	●	●	2332339	-	ILZU
Suction hose DN25-SSt assy.				●	●	●	●	●	●	●	●	2324116	-	ILZU

Pump outlet and material filter														
Ball valve-R1/4"-G1/4-PN350-SSt	●	●										2334488	-	ILZU
Ball valve-R1/4"-G1/4-PN350-CS	●	●										2334472	-	ILZU
Release combination assy.			●	●	●	●	●	●	●			2329023	-	ILZU
Inline filter DN6-PN270-G1/4"-SSt			●	●	●	●	●	●	●			2324558	-	ILET
Inline filter HL DN6-PN270-G1/4"-SSt			●	●	●	●	●	●	●			2329026	-	ILZU
HP-filter DN10-PN270-SSt kpl.			●	●	●	●	●	●	●	●	●	2329024	-	ILZU
HP-filter DN12-PN530-SSt kpl.			●	●	●	●	●	●	●	●	●	2329025	-	ILZU

Return line														
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	●	●	●	●	●	●	●	2331752	-	ILZU
Return hose DN6-PN310-G1/4"-PA	●	●	●	●	●	●	●	●	●	●	●	2329046	-	ILZU
Circulation hose DN6-PN310-G1/4"-1.8-PA	●	●	●	●	●	●	●	●	●	●	●	2331017	-	ILZU
Circulation hose DN6-PN310-G1/4"-2.8-PA	●	●	●	●	●	●	●	●	●	●	●	2331014	-	ILZU

Finishing piston pump accessories

Wagner offers a comprehensive accessories range for finishing piston pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

EvoMotion 20-30S	EvoMotion 40-15S	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 15-70	Puma 21-110	Puma 15-150	Leopard 35-70	Leopard 35-150	Leopard 18-300	Jaguar 38-300
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AirCoat hose pack															
AC-hose-DN3-PN270-1/4"NPS-3,0m-PA-T	●	●	●	●	●	●	●	●	●				2322656	-	ILZU
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	●	●	●	●	●	●	●	●	●				2309705	-	ILZU
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	●	●	●	●	●	●	●	●	●				9984596	-	DPZU
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	●	●	●	●	●	●	●	●	●	●	●	●	2309706	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-10,0m-PA-T	●	●	●	●	●	●	●	●	●	●	●	●	2312801	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T				●	●	●	●	●	●	●	●	●	2309634	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T				●	●	●	●	●	●	●	●	●	2309635	-	ILZU

Airless material hose															
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA		●			●				●	●		●	9984583	-	DPZU
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA		●			●				●	●		●	9984573	-	DPZU
HP-Hose-DN4-PN270-1/4"NPS-10,0m-PA		●			●				●			●	2302374	-	DPZU
HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA					●				●	●		●	9984418	-	ILZU
HP-hose-DN10-PN230-3/8"NPSM-15m										●		●	9984506	-	DPZU

Spraypacks finishing piston pumps

WAGNER offers a selection of predefined spraypacks. Please choose the spraypack most suitable for your requirements from the following table. You can also create your own individual spraypack, to do this either visit our web shop or contact your WAGNER sales partner.

● consists of

Feeding

Finishing piston pumps

SP EM40-15 AG14AL, 2335075	SP EM40-15 GM4700AC, 2335175	SP EM40-15 AL, 2335287	SP EM20-30 GM4700AC, 2335176	SP EM20-30 AC, 2335086	SP EM20-30 GM4700AC-Hopper, 2335289	SP WildCat18-40 GM4100AC, 2335092	SP WildCat18-40 GM4700AC, 2335177	SP WildCat18-40 AC, 2335090	SP Puma28-40 GM4700AC, 2335179	SP Puma28-40 GM4700AC-Stand, 2335290	SP Puma28-40 AC, 2335291	SP Leopard35-70 GM4700AC, 2335181	SP Leopard35-70 AG14AL, 2335182	SP Leopard 35-70 AL, 2335293
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Mounting equipment															
Stand 4" assy.	●	●	●	●	●			●		●					2332374
4-wheel-trolley						●									T6196.00
Trolley 6" assy.							●					●	●	●	2325916
Trolley 4" assy.								●		●		●			2325901
Air supply															
Kit AirCoat air regulator		●		●	●	●									T6145.00A
AirCoat regulator assy.							●	●	●	●	●	●			2328611
Suction system															
Suction pipe DN16-SSt assy.	●				●					●					2324158
Suction hose DN16-SSt assy.		●	●	●			●		●						2324110
Hopper set 5L for piston pumps						●									2332169
Suction hose DN25-SSt assy.								●		●		●	●	●	2324116
Pump outlet and material filter															
Ball valve-R1/4"-G1/4-PN350-CS	●				●	●	●								2334472
Ball valve-R1/4"-G1/4-PN350-SSt		●	●	●											2334488
Release combination assy.							●	●		●					2329023
Inline filter DN6-PN270-G1/4"-SSt								●							2324558
HP-filter DN10-PN270-SSt kpl.									●		●	●	●	●	2329024
Return line															
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	●	●				●		●	●	●	2331752
AirCoat hose pack															
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T		●		●		●	●	●		●	●		●		2309706

Spraypacks finishing piston pumps

WAGNER offers a selection of predefined spraypacks. Please choose the spraypack most suitable for your requirements from the following table. You can also create your own individual spraypack, to do this either visit our web shop or contact your WAGNER sales partner.

● consists of

SP EM40-15 AG14AL, 2335075	SP EM40-15 GM4700AC, 2335175	SP EM40-15 AL, 2335287	SP EM20-30 GM4700AC, 2335176	SP EM20-30 AC, 2335086	SP EM20-30 GM4700AC-Hopper, 2335289	SP WildCat18-40 GM4100AC, 2335092	SP WildCat18-40 GM4700AC, 2335177	SP WildCat18-40 AC, 2335090	SP Puma28-40 GM4700AC, 2335179	SP Puma28-40 GM4700AC-Stand, 2335290	SP Puma28-40 AC, 2335291	SP Leopard35-70 GM4700AC, 2335181	SP Leopard35-70 AG14AL, 2335182	SP Leopard 35-70 AL, 2335293
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Spray gun and nozzle															
Gun AG-14 for StandardTip, NPS1/4"	●														257017
Standard tip 411	●														90411
Gun AG-14 for WagnerTip, NPS1/4"													●		257015
Nozzle WagnerTip 411													●		1088411
GM 4700AC 25MPa NPSM1/4"		●		●		●		●		●	●		●		2313585
GM 4100AC 25MPa NPSM1/4"						●									394012
Nozzle ACF3000 11/40		●		●		●	●	●		●	●		●		379411
Air cap LV plus (red / GM 4x00AC)		●		●		●	●	●		●	●		●		2313494
Airless hose															
HP-Hose-DN4-PN270-¼"NPS-7,5m-PA	●														9984573
HP-Hose-DN6-PN270-¼"NPS-10,0m-PA													●		9984418

Protective coating piston pumps

With our large WAGNER IceBreaker piston pumps you are perfectly equipped for coatings with heavy corrosion protection. Whether in the production hall or offshore, these pumps fulfill all specific requirements such as robustness, reliability, a long service life and most importantly, an optimal spray pattern.

Feeding

Protective coating piston pumps

1. Reliable

The maintenance-free controller with extremely low pulsation ensures excellent reliability even in continuous operation.

2. User friendliness

The integrated compact pressure regulator unit makes the setting of the pump pressure and the air flow of AirCoat applications an easy task.

3. Under full pressure

Regardless of the air motor pressure, the controller is always fed by full pressure. Thus the pump operates reliably, even with very low working pressure, without getting stuck.

4. Optimum service

Fast and easy flushing and cleaning. Servicing without special tools. If necessary, it is possible to replace the complete fluid section in a few steps.

5. Equipped for every application

The fluid section is completely made of stainless steel and ensures a long service life with minimum wear even when used with abrasive, chemical, or corrosive materials.

6. High-performance vacuum

Large valve cross-sections and large pump volumes ensure safe suction, even for high-viscosity and abrasive materials.



Overview WAGNER protective coating piston pumps

Wagner offers a comprehensive protective coating piston pump range. Please choose the perfect solution for your requirements from the following table. Further information can be found directly on the product pages.

	Leopard 48-110 piston pump	Jaguar 75-150	Jaguar 55-200	Tiger 72-300
Material properties				
Water-based products	●	●	●	●
Solvent-based products	●	●	●	●
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●
Medium viscosity (40 ... 60 sec. DIN No. 4)	●	●	●	●
High viscosity (>60 sec. DIN No. 4)	●	●		●
UV sensitive products	●	●	●	●
Shear sensitive products	●	●	●	●
Humidity sensitive products	●	●	●	●
Basic atomization				
Airspray				
AirCoat 160 bar max				
AirCoat 250 bar max				
Airless 270 bar max				
Airless 400 bar max	●		●	
Airless 530 bar max		●		●
Liquid feeding				
Max. number of guns				
1 gun, nozzle 0.017"	●	●	●	●
2 guns, nozzle 0.017"	●	●	●	●
3 guns, nozzle 0.017"		●	●	●
4 guns, nozzle 0.017"			●	●
1 gun, nozzle 0.021"	●	●	●	●
2 guns, nozzle 0.021"	●	●	●	●
3 Pistolen, Düse 0,021"		●	●	●
4 guns, nozzle 0.021"				●

- very suitable
- suitable to a limited extent

Leopard 48-110 piston pump

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless applications up to 370 bar and 6.6 L/min. Ideal, for example, for industrial coating in the metals industries and for smaller protective coating applications, long hose lines.



Technical data	
Pump ratio	48 :1
Operating pressure	370 bar, 5366 PSI
Volumetric flow per double stroke	110 cm ³ /DS, 6,71 in ³ /DH
Volumetric flow per 60 DH	6.6 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	36,0 kg, 79.4 lb

Feeding

Protective coating piston pumps

Material wetted parts

- Carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- In addition to the basis pump, a version with trolley and material filter, as well as a ready-to-spray spraypack with G 15 guns and material hose are available.

Product variants	Item no.	Price	PH 2
PistonP. Leopard 48-110 PE/TG	2329490		- ILGR
SP Leopard 48-110 G15AL Trolley	2339866		- ILGR
SP Leopard 48-110 Trolley	2339863		- ILGR

Service sets			
Service kit fluid section 110 ccm PE+TG	368997		- ILET
Spare part set fluid section PP110 PE+T	2304930		- ILET
Service kit fluid section PP110 PE+L	2319924		- ILET
Service kit airmotor 6"	368995		- ILET

Jaguar 75-150

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless applications up to 530 bar and 9 L/min. Extremely robust and ideal for heavy corrosion protection.



Technical data	
Pump ratio	75 :1
Operating pressure	530 bar, 7687 PSI
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Volumetric flow per 60 DH	9 l/min
Max. stroke rate	60 DS/min
Material inlet	F-G 1 1/2"
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 7,1 bar, 36 – 103 PSI
Sound level at 6 bar air pressure	81 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	53,0 kg, 116.9 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- In addition to the basis pump, spraypacks with trolley and high-pressure filter/ release are available as well as a ready-to-spray spraypack with suction hose, material hose and gun, including separate air filter.

Product variants	Item no.	Price	PH 2
PistonP. Jaguar 75-150-PC PE/TG	2339845		- ILGR
SP Jaguar 75-150 Trolley	2339867		- ILGR
SP Jaguar 75-150 G15AL Trolley	2339869		- ILGR

Service sets			
Service Set Fluidsec. 70/150 ccm PE+TG	368990		- ILET
Service kit airmotor 9"	369987		- ILET

Jaguar 55-200

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless applications up to 440 bar and 12 L/min. Extremely robust and ideal for heavy corrosion protection.



Feeding

Protective coating piston pumps

Technical data

Pump ratio	55 :1
Operating pressure	440 bar, 6382 PSI
Volumetric flow per double stroke	200 cm ³ /DS, 12,20 in ³ /DH
Volumetric flow per 60 DH	12 l/min
Max. stroke rate	60 DS/min
Material inlet	F-G 1 1/2"
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	81 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10°
Weight	53,0 kg, 116.9 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Separating agent bottle 250 cm³
- Operating manual
- CE Declaration of Conformity

Ordering information

- In addition to the basis pump, spraypacks with trolley and high-pressure filter/ release are available as well as a ready-to-spray spraypack with suction hose, material hose and gun, including separate air filter.

Product variants	Item no.	Price	PH 2
PistonP. Jaguar 55-200-PC PE/TG	2339846		- ILGR
SP Jaguar 55-200 trolley	2339871		- ILGR
SP Jaguar 55-200 G15AL Trolley	2339872		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 9"	369987		- ILET

Tiger 72-300

High-pressure piston pumps

High pressure piston pump, stainless steel, for Airless applications up to 530 bar and 12 L/min with critical material. Ideal for thick coat corrosion protection with large material application, multiple gun use.



Technical data	
Pump ratio	72 :1
Operating pressure	530 bar, 7687 PSI
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Volumetric flow per 40 DH	12 l/min
Max. stroke rate	40 DS/min
Material inlet	F-G 1 1/2"
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 7,4 bar, 36 – 107 PSI
Sound level at 6 bar air pressure	80 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	80,0 kg, 176.4 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- User manual
- CE declaration of conformity

Ordering information

- In addition to the basis pump, spraypacks with trolley and high-pressure filter/ release are available as well as a ready-to-spray spraypack with suction hose, material hose and gun, including separate air filter.

Product variants	Item no.	Price	PH 2
PistonP. Tiger 72-300-PC PE/L	2339847		- ILGR
SP Tiger 72-300 Trolley	2339873		- ILGR
SP Tiger 72-300 G15AL Trolley	2339874		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 12	370987		- ILET
Service kit fluid section 300 ccm PE+TG	369990		- ILET
Service kit fluid section 300 ccm PE+L	370989		- ILET

Protective coating piston pump accessories

Wagner offers a comprehensive accessories range for protective coating piston pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Feeding

Protective coating piston pumps

Leopard 48-110	Jaguar 75-150	Jaguar 55-200	Tiger 72-300
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Mounting equipment							
Trolley heavy duty Leopard/Jaguar	●				369024	-	ILZU
Wall holder 6" assy.	●				2332145	-	ILZU
Trolley 6" assy.	●				2325916	-	ILZU
Trolley PC	●	●	●	●	2339705	-	ILZU
Wall holder 9" assy.		●	●	●	369020	-	ILZU
Suction system							
Suction pipe DN25-SSt assy.	●				2323239	-	ILZU
Suction hose DN25-SSt assy.	●				2324116	-	ILZU
Suction hose DN38-PC assy.		●	●	●	2325815	-	ILZU
Pump outlet and material filter							
HP-filter DN12-PN530-SSt kpl.	●				2329025	-	ILZU
HP-filter DN12-PN530-CS assy.		●	●	●	2339900	-	ILZU
Return line							
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	2331752	-	ILZU
Return hose DN6-PN310-G1/4"-PA	●	●	●	●	2329046	-	ILZU
Circulation hose DN6-PN310-G1/4"-1.8-PA	●	●	●	●	2331017	-	ILZU
Circulation hose DN6-PN310-G1/4"-2.8-PA	●	●	●	●	2331014	-	ILZU
Air filter							
Air filter set PC		●	●	●	2339851	-	ILZP
Airless material hose							
HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA	●	●	●	●	9987118	-	ILZU
HP-Hose-DN6-PN530-1/4"NPS-10,0m-PA	●	●	●	●	9984421	-	ILZU
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt				●	367561	-	DPZU
HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA				●	9987117	-	ILZU

Spraypacks protective coating piston pumps

WAGNER offers a selection of predefined spraypacks. Please choose the spraypack most suitable for your requirements from the following table. You can also create your own individual spraypack, to do this either visit our web shop or contact your WAGNER sales partner.

● consists of

	SP Leopard 48-110 Trolley, 2339863	SP Leopard 48-110 G15AL Trolley, 2339866	SP Jaguar 75-150 Trolley, 2339867	SP Jaguar 75-150 G15AL Trolley, 2339869	SP Jaguar 55-200 trolley, 2339871	SP Jaguar 55-200 G15AL Trolley, 2339872	SP Tiger 72-300 Trolley, 2339873	SP Tiger 72-300 G15AL Trolley, 2339874	
Mounting equipment									
Trolley heavy duty Leopard/Jaguar	●	●							369024
Trolley PC			●	●	●	●	●	●	2339705
Suction system									
Suction hose DN38-PC assy.		●							
Fitting-EF-FM-G1 1/2-G1 1/2-PN25-TG				●		●		●	2325815
Fitting-DF-MM-G1 1/2-Rd55x1/6-PN25-CS				●		●		●	2329019
Fitting-DF-MM-G1 1/2-Rd55x1/6-PN25-CS				●		●		●	2336489
Pump outlet and material filter									
HP-filter DN12-PN530-CS assy.	●	●	●	●	●	●	●	●	2339900
Return line									
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●	●	●	●	●	2331752
Nozzles - flat jet									
Nozzle Wagner Profi Tip HP 517		●							1006517
Nozzle Wagner Profi Tip HP 521				●		●		●	1006521
Air filter									
Air filter set PC				●		●		●	2339851
Gun									
Airless gun G-15 for Profi Tip HD		●		●		●		●	347012
Airless material hose									
HP-Hose-DN6-PN530-¼"NPS-10,0m-PA		●							9984421
HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA				●		●		●	9987118
HP-Hose-DN6-PN530-¼"NPS-1,5m-PA				●		●		●	9987117
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt				●		●		●	367561

Low-pressure piston pumps for product feeding

Feeding

Feeding pumps

The WAGNER IceBreaker low pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The strong and energy-efficient air motors always have sufficient reserves even at large material flow rates and work entirely without icing – especially in continuous operation.

1. High Reliability

The maintenance-free controller with extremely low pulsation ensures excellent reliability even in continuous operation.

2. User Friendliness

The integrated compact pressure regulator unit makes the setting of the pump pressure and the air flow (of AirCoat applications) an easy task.

3. Well-arranged

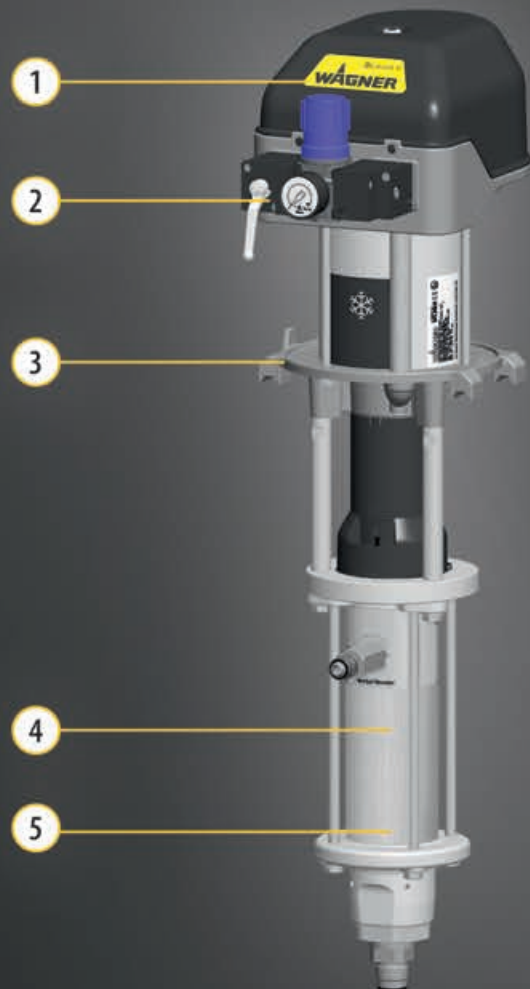
Using a standardized mounting interface, the pump may be fixed easily and safely to wall mounting, trolley or frame.

4. Universal Application

The fluid section is completely made of stainless steel and ensures a long service life with minimum wear even when used with abrasive, chemical, or corrosive materials.

5. Optimum Service

The self-adjusting packages may be adjusted without any special tools.



Overview WAGNER low-pressure piston pumps

Wagner offers a comprehensive low-pressure piston pump range. Please choose the perfect solution for your requirements from the following table. Further information can be found in the product pages.

	EvoMotion 5-60S piston pump	Puma 8-300	EvoMotion 5-125	Puma 3-600	Puma 8-300	Leopard 8-600
Material properties						
Water-based products	●	●		●	●	●
Solvent-based products	●	●	●	●	●	●
Low viscosity (<40 sec. DIN No. 4)	●	●	●	●	●	●
Medium viscosity (40 ... 60 sec. DIN No. 4)	●	●	●		●	●
High viscosity (>60 sec. DIN No. 4)	●	●			●	●
UV sensitive products		●		●	●	●
Shear sensitive products		●		●	●	●
Humidity sensitive products		●		●	●	●
Basic atomization						
Airspray	●	●			●	
AirCoat 160 bar max						
AirCoat 250 bar max						
Airless 270 bar max						
Airless 400 bar max						
Airless 530 bar max						
Liquid feeding	●	●	●	●	●	●

- very suitable
- suitable to a limited extent

EvoMotion 5-60S piston pump

Low-pressure piston pump

Low-pressure feed pump for Airspray applications with high-viscosity material or long hose lines. Up to 40 bar and 3.6 L/min.



Technical data	
Pump ratio	5:1
Operating pressure	40 bar, 580 PSI
Volumetric flow per double stroke	60 cm ³ /DS, 3,66 in ³ /DH
Volumetric flow per 60 DH	3.6 l/min
Max. stroke rate	60 DS/min
Material inlet	M-M36x2
Material outlet	F-G 3/8"
Air inlet connection	8 mm
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	63 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10°
Weight	13,0 kg, 28.7 lb

Feeding

Feeding pumps

Material wetted parts

- Stainless steel
- PTFE
- PA

Included items

- EvoMotion 5-60S piston pump
- Release agent 250 ccm
- CE declaration of conformity
- User manual

Ordering information

- Please select suction system, material filter, and mounting accessories from our range of accessories program in addition to the pump.

Product variants	Item no.	Price	PH 2
PistonP. EvoMotion 5-60 PE/T	2329535		- ILCGR

EvoMotion 5-125

Low-pressure piston pump

BE 5-125 piston pump on drum suction system, without air pressure regulator and without filter antipulsation tank



Technical data	
Pump ratio	5 :1
Operating pressure	40 bar, 580 PSI
Volumetric flow per double stroke	125 cm ³ /DS, 7,63 in ³ /DH
Volumetric flow per 60 DH	7,5 l/min
Max. stroke rate	60 DS/min
Material inlet	Schöpfkolben
Material outlet	F-G 1/2"
Air inlet connection	8 mm
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	69 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	25,0 kg, 55.1 lb

Material wetted parts

- Carbon steel
- Stainless steel
- TF-PE

Included items

- Pump without air regulator
- Separating agent 250 cm³
- CE Declaration of Conformity
- Operating manual

Ordering information

- In addition to the pump, please select air regulator, suction system, material filter, and mounting accessories from our accessories program.

Product variants	Item no.	Price	PH 2
EvoMotion 5-125 PE/T	U1B05125D		- ILCGR

Service sets	Item no.	Price	PH 2
Reversing valve IS01	P498.00		- ILCET
Seal kit M 80 T910.00	T910.00		- ILCET
Service-Set EvoMotion fluid section	T958.00AE		- ILCET

Puma 8-300

Low-pressure piston pump

Low-pressure piston pump, stainless steel for feed and circulating systems up to 15 L/min



Technical data

Pump ratio	8:1
Operating pressure	64 bar, 928 PSI
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Volumenstrom per 50 DH	15 l/min
Max. stroke rate	50 DS/min
Material inlet	M-M 36x2
Material outlet	M-M 24x1,5
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 - 60 °C, 41 - 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10°
Weight	32,0 kg, 70.6 lb

Feeding

Feeding pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Puma 8-300
- Release agent 250 cm³
- CE declaration of conformity
- User manual

Ordering information

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.

Product variants	Item no.	Price	PH 2
PistonP. Puma 8-300 PE/TG	2329527		- ILGR
PistonP. Puma 8-300 PE/T	2329529		- ILGR

Service sets			
Service kit airmotor 4"	367995		- ILET
Service kit fluid section 300 ccm PE+TG	369990		- ILET
Service kit fluid section 300 ccm PE+L	370989		- ILET

Puma 3-600

Low-pressure piston pump

Low-pressure piston pump, stainless steel for larger feed and circulating systems up to 30 L/min.



Technical data	
Pump ratio	3 : 1
Operating pressure	24 bar, 348 PSI
Volumetric flow per double stroke	600 cm ³ /DS, 36,61 in ³ /DH
Volumenstrom per 50 DH	30 l/min
Max. stroke rate	50 DS/min
Material inlet	M-M36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G1/2"
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10 °
Weight	35,0 kg, 77.2 lb

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Puma 3-600
- Release agent 250 cm³
- CE declaration of conformity
- User manual

Ordering information

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.

Product variants	Item no.	Price	PH 2
PistonP. Puma 3-600 PE/TG	2329531		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 4"	367995		- ILET
Service kit fluid section 600 ccm PE/TG	369989		- ILET

Leopard 8-600

Low-pressure piston pump

Low-pressure piston pump, stainless steel for larger feed and circulating systems up to 30 L/min.



Technical data

Pump ratio	8:1
Operating pressure	64 bar, 928 PSI
Volumetric flow per double stroke	600 cm ³ /DS, 36,61 in ³ /DH
Volumenstrom per 50 DH	30 l/min
Max. stroke rate	50 DS/min
Material inlet	M-M36x2
Material outlet	M-M 24x1,5
Air inlet connection	F-G 1/2"
Air inlet pressure	2,5 – 8,0 bar, 36 – 116 PSI
Sound level at 6 bar air pressure	74 dB(A)
Material temperature	5 - 80 °C, 41 - 176 °F
Ambient temperature	5 – 60 °C, 41 – 140 °F
Material pH	3.5 – 9 pH
Max. material pressure at pump inlet	20 bar, 290 PSI
Allowable inclination	±10°
Weight	43,0 kg, 94.8 lb

Feeding

Feeding pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material depending on pump type

Included items

- Leopard 8-600
- Release agent 250 cm³
- CE declaration of conformity
- User manual

Ordering information

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.

Product variants	Item no.	Price	PH 2
PistonP. Leopard 8-600 PE/TG	2329533		- ILGR

Service sets	Item no.	Price	PH 2
Service kit airmotor 6"	368995		- ILET
Service kit fluid section 600 ccm PE/TG	369989		- ILET

Low-pressure piston pump accessories

WAGNER offers a comprehensive accessories range for low-pressure piston pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	Puma 8-300	Puma 3-600	Leopard 8-600	EvoMotion 5-60S	EvoMotion 5-12S			
Mounting equipment								
Wall holder 4" assy.	●	●		●		2332143	-	ILZU
Trolley 4" assy.	●	●		●		2325901	-	ILZU
Wall holder 6" assy.			●			2332145	-	ILZU
Stand 4" assy.				●		2332374	-	ILZU
Air supply								
Kit Air regulator					●	T6140.00	-	ILCZU
Suction system								
Suction pipe DN25-SSt assy.	●	●	●	●		2323239	-	ILZU
Suction hose DN25-SSt assy.	●	●	●	●		2324116	-	ILZU
Suction pipe DN16-SSt assy.				●		2324158	-	ILZU
Suction hose DN16-SSt assy.				●		2324110	-	ILZU
Hopper set 5L for piston pumps				●		2332169	-	ILZU
Pump outlet and material filter								
HP-filter DN12-PN530-SSt kpl.	●	●	●			2329025	-	ILZU
HP-filter DN10-PN270-SSt kpl.	●	●	●			2329024	-	ILZU
Ball valve-R1/4"-G1/4-PN350-SSt				●		2334488	-	ILZU
Ball valve-R1/4"-G1/4-PN350-CS				●		2334472	-	ILZU
Return line								
Return pipe DN6-G1/4"-100mm-PA	●	●	●	●		2331752	-	ILZU
Return hose DN6-PN310-G1/4"-PA	●	●	●	●		2329046	-	ILZU
Circulation hose DN6-PN310-G1/4"-1.8-PA	●	●	●	●		2331017	-	ILZU
Circulation hose DN6-PN310-G1/4"-2.8-PA	●	●	●	●		2331014	-	ILZU

Finishing high-pressure diaphragm pumps

Feeding

High pressure diaphragm pumps

The Cobra is the first high-pressure pump without packing. No friction in the fluid section and minimum shear, making it suitable for sensitive and reactive paints such as UV, acrylics, isocyanate. The pump works virtually without pulsations and allows an absolute uniform paint flow for a perfect spray jet and highest surface quality. The reduced internal volume allows for a significantly reduced solvent consumption during flushing. Thus the Cobra is the ideal pump for frequent paint changes.

1. Reliability

High reliability and reduced maintenance costs thanks to long-life diaphragm and minimal wear.

2. Proven WAGNER IceBreaker air motor

- Minimal freezing thanks to an intelligent internal geometry
- Pneumatic control without pneumatic oil
- Solid control housing with integrated silencer

3. Cost-effectiveness

Drastic reduction of the solvent consumption during flushing thanks to a minimized fluid section.

4. Flexibility

The pump may be used horizontally and vertically.



Cobra 40-10

High-pressure diaphragm pump

High-pressure double diaphragm pump, Consistal for AirCoat and Airless applications up to 2.5 L/min and 250 bar. Ideal from the individual lacquer station to complex multi-paint systems, and anything in between.



Technical data	
Pump ratio	40 :1
Max. material pressure at pump inlet	20 bar, 290 PSI
Material inlet	M-M 3/8x2
Material outlet	M-G 3/8"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Air inlet pressure	2,5 - 6,0 bar, 36 - 87 PSI
Air inlet connection	F-G 1/2"
Operating pressure	250 bar, 3626 PSI
Max. stroke rate	200 DS/min
Volumetric flow per double stroke	10 cm ³ /DS, 0,61 in ³ /DH
Ambient temperature	10 - 60 °C, 50 - 140 °F
Weight	19,0 kg, 41.9 lb
Max. sound level	74 dB(A)
Material pH	3,5 - 9,0 pH

Material wetted parts

- Tungsten carbide
- Stainless steel
- Consistal
- PA

Included items

- Cobra 40-10
- Sign
- Ground cable assy.
- Double open-end wrench
- CE declaration of conformity
- User manual

Ordering information

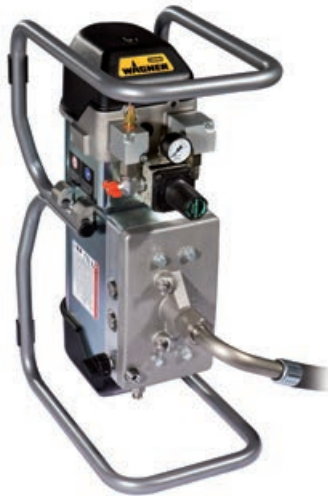
- Spraypack consisting of pump with frame, top tank, air regulator, hose set, and AirCoat gun
- The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range.

Product variants	Item no.	Price	PH 2
DiaphragmP. Cobra 40-10	2329519		- ILGR
DiaphragmP.Cobra 40-10 frame	2329521		- ILGR
SP cobra 40-10 GM4700AC/base frame	2342248		- ILGR
Spraypack cobra 40-10 GM4100/base frame	2342245		- ILGR

Cobra 40-25

High-pressure diaphragm pump

High-pressure piston diaphragm pump. Universally applicable for aggressive, abrasive, and shear-sensitive materials. Extremely low flushing agent consumption. For all applications up to 250 bar and 5 L/min multiple gun use.



Technical data	
Pump ratio	40 :1
Max. material pressure at pump inlet	20 bar, 290 PSI
Material inlet	M-M 3/6x2
Material outlet	M-G 3/8"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Air inlet pressure	2,5 - 6,3 bar, 36 - 91 PSI
Air inlet connection	F-G 1/2"
Operating pressure	250 bar, 3626 PSI
Max. stroke rate	200 DS/min
Volumetric flow per double stroke	25 cm ³ /DS, 1,53 in ³ /DH
Ambient temperature	10 - 60 °C, 50 - 140 °F
Weight	32,0 kg, 70.6 lb
Max. sound level	76 dB(A)
Material pH	3,5 - 9,0 pH
Min. air inlet Ø	19 mm, 0.7 in

Feeding

High pressure diaphragm pumps

Material wetted parts

- Tungsten carbide
- Stainless steel
- Consistal
- PA

Included items

- Cobra 40-25
- Sign
- Ground cable assy.
- Double open-end wrench
- CE declaration of conformity
- User manual

Ordering information

- The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range.

Product variants	Item no.	Price	PH 2
DiaphragmP. Cobra 40-25	2329523		- ILGR
DiaphragmP.Cobra 40-25 frame	2329525		- ILGR

High pressure diaphragm pump accessories

Wagner offers a comprehensive accessories range for high-pressure diaphragm pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	Cobra 40-10	Cobra 40-25			
Mounting equipment					
Stand Cobra	●		322052	-	ILZU
Wall holder 4" assy.	●		2332143	-	ILZU
Trolley Cobra assy.	●	●	2341375	-	ILZU *)
Air supply					
AirCoat filter regulator assy. Cobra	●	●	2333479	-	ILZU
AirCoat regulator assy.	●	●	2328611	-	ILZU
Suction system					
Suction hose DN16-SSt assy.	●	●	2324110	-	ILZU
Suction hose DN25-SSt assy.	●	●	2324116	-	ILZU
20 liter container	●	●	2341278	-	ILZU *)
2L-cup Cobra assy.	●		2344741	-	ILGR *)
Small quantity cup Cobra	●		2321424	-	ILGR
Hopper-set 5L-Cobra	●	●	2344505	-	ILZU
Pump outlet and material filter					
Inline filter DN6-PN270-G1/4"-SSt	●		2324558	-	ILET
AirCoat hose pack					
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	●	●	2309706	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	●	●	2309635	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	●	●	2309634	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-10,0m-PA-T	●	●	2312801	-	ILZU
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T		●	9984596	-	DPZU
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T		●	2309705	-	ILZU
Airless hose					
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	●	●	9984573	-	DPZU
HP-hose-DN4-PN270-1/4"NPSM-10m-PA	●	●	9984573-10	-	ILZU
HP-Hose-DN4-PN270-1/4"NPS-15,0m-PA	●	●	9984573-15	-	DPZU
HP-Hose-DN4-PN270-1/4"NPS-20,0m-PA	●	●	9984573-20	-	DPZU
HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	●	●	9984418	-	ILZU
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA		●	9984583	-	DPZU

* Available mid of April 2014

Spraypacks high-pressure diaphragm pumps

WAGNER offers a selection of predefined spraypacks. Please choose the spraypack most suitable for your requirements from the following table. You can also create your own individual spraypack, to do this either visit our web shop or contact your WAGNER sales partner.

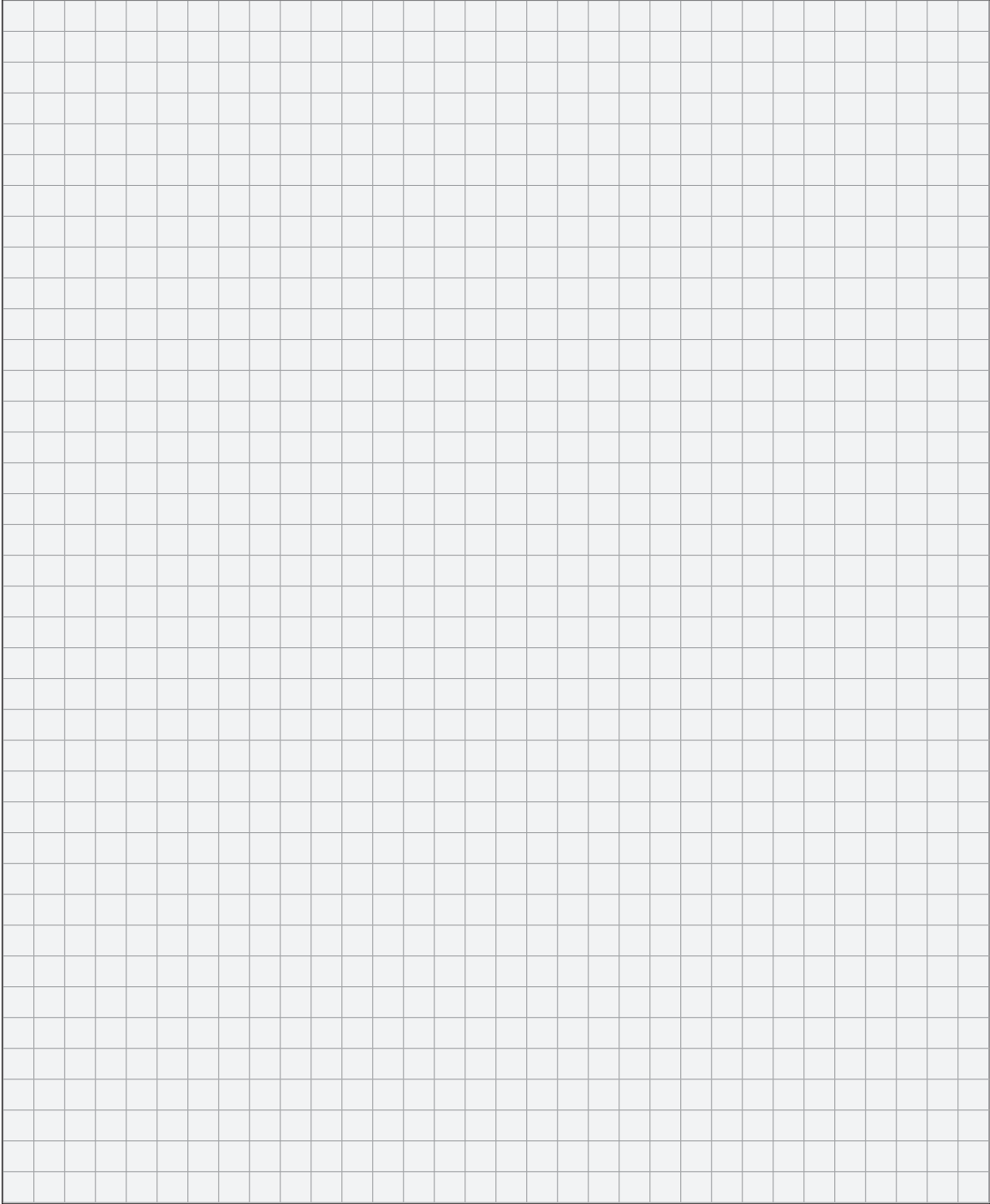
● consists of

Feeding

High pressure diaphragm pumps

DiaphragmP.Cobra 40-10 frame, 2329521	SP Cobra 40-10 GM4700AC/base frame, 2342248	Spraypack Cobra 40-10 GM4100/base frame, 2342245	DiaphragmP.Cobra 40-25 frame, 2329525
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Mounting equipment					
Stand Cobra	●	●	●	322052	
Air supply					
AirCoat regulator assy.		●	●	2328611	
Suction system					
SI hopper		●	●	●	2345405
AirCoat hose pack					
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T		●	●	2309706	
Spray gun and nozzle					
GM 4700AC 25MPa NPSM1/4"		●		2313585	
GM 4100AC 25MPa NPSM1/4"			●	394012	
Air cap LV plus (red / GM 4x00AC)		●	●	2313494	
Nozzle ACF3000 11/40		●	●	379411	



Finishing low pressure diaphragm pumps

Feeding

Low pressure diaphragm pumps

The first choice for supreme coating quality. The Zip 52 Finishing is reliable, powerful, and ideally suitable for use with automatic and manual spray guns. For use in electrostatic systems, HVLP or fully conventional air atomization applications that apply coatings to wood, metal, synthetic material, glass or leather. The Zip Finishing Spraypacks contain either the patented WAGNER Fine Flow Controller (FFC), which combines a precision material pressure regulator, an anti-pulsation unit and a material filter in a single device or a large volume anti-pulsation filter as a cost-effective entry level version.

1. Innovation

High reliability, great diversity, and compactness.

2. Easy to operate

The air and paint regulator are fixed directly to the front display for extra user-friendliness.

3. No pulsation

Optimum paint control thanks to the innovative fine flow 3-in-1 controller system.

4. Complete equipment

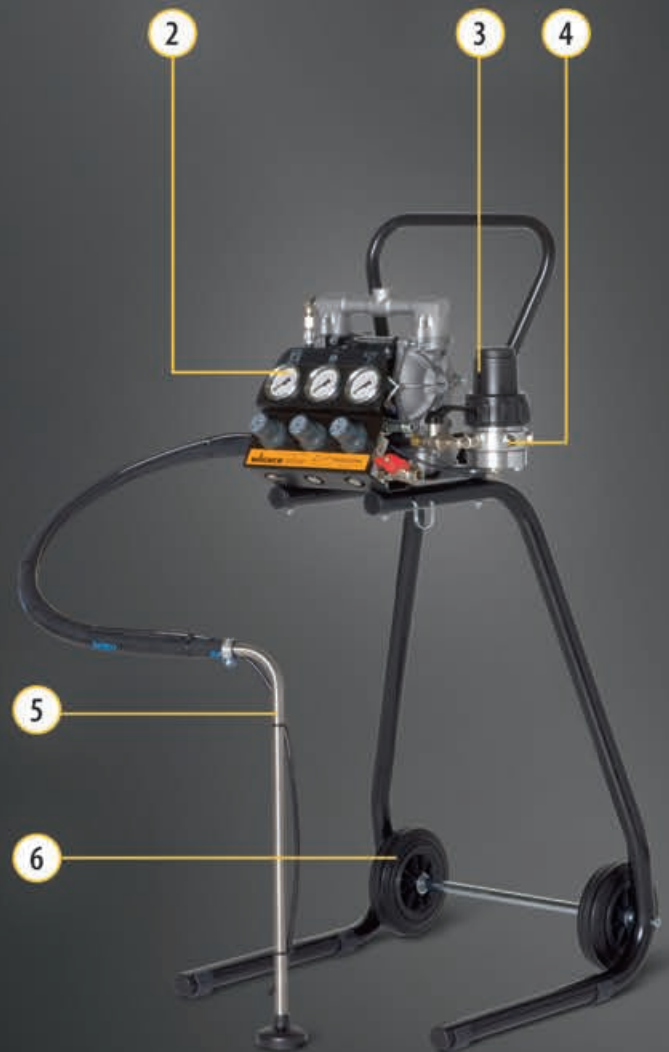
- Additional connections for extra spray guns
- Gun suspension
- Paint return valve
- Dosage air non-return valve

5. Diverse range of applications

Flexible suction hose for thicker materials as well

6. Modularity

The base unit offers various mounting systems: wall mounting, stand, and trolley



Overview of low-pressure diaphragm pump finishings

WAGNER offers two finishing systems with low-pressure diaphragm pumps. Please choose the perfect solution for your requirements from the following table. Further information can be found in the product pages.

	Zip 52 Finishing	Zip Eco Perfect Flow
Material inlet/outlet		
1/2" BPS	●	●
3/4" BPS		
1" BPS		
Max. flow		
8.1 l/min		
28 l/min		●
52 L/min	●	
80 l/min		
182 l/min		
Maximum material inlet pressure		
8 bar, 116 PSI	●	●
27 bar, 392 PSI		
Metal version		
Aluminum	●	●
Nickel-coated aluminium		
Stainless steel	●	
Conductive plastic version		
POM	●	
PVDF		
Non-conductive plastic version		
Polypropylene		
PPS		

- very suitable
- suitable to a limited extent

Zip 52 Finishing

Low-pressure diaphragm pump



Technical data	
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	108 cm ³ /DS, 6,59 in ³ /DH
Volumetric flow with free drainage	52 l/min, 13.7Gpm
Max. suction lift	4.9 m, 16.1 ft
Particle size	2 mm, 0.08 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Material temperature	4 - 90 °C, 39.2 - 194.0 °F

Feeding

Low pressure diaphragm pumps

Processable materials

- Water & solvent-based coatings
- Abrasive materials
- Metallic paints
- Release agents
- Adhesive

Included items

- Pump
- Mounting plate
- Suction hose
- Material pressure regulator FFC
- Air regulator for material atomizing air and material pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- Pump includes frame, material pressure regulator and suction hose
- Optional with material hose and spray gun SP5.

Product variants	Item no.	Price	PH 2
DDP Zip52 Alu finish Basic	U760.00		- ILCGR
DDP Zip52 Inox finish basic	U765.00		- ILCGR
ZIP52 ACETAL COND.FFC SS FINISHING	U773.00		- ILCGR
DDP Zip52 Alu finish SP5 Spraypack	U760.00S/5		- ILCGR

Zip Eco Perfect Flow

Low-pressure diaphragm pump

Double diaphragm pump for AirSpray applications. Cost effective entry-level model without material pressure regulator. Nevertheless, offers low-pulsation thanks to large material filter. For pressures up to 8 bar and one gun.



Technical data	
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	65 cm ³ /DS, 3,97 in ³ /DH
Volumetric flow with free drainage	28 l/min, 7.4Gpm
Particle size	2 mm, 0.08 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Weight	7,9 kg, 17.4 lb

Material wetted parts

- Aluminum
- PE
- Stainless steel

Included items

- Pump Zip 52 Perfect Flow
- Regulator for material pressure
- Controller for atomizer air
- Flexible suction hose
- Frame

Ordering information

- Pump includes frame, material pressure regulator and suction hose
- Optional with material hose and spray gun SP5.

Product variants	Item no.	Price	PH 2
DDP Zip52 ECO PF AL SP	U731.00		- ILCGR
DDP Zip52 PF SP5 Spraypack	U731.PACK/SP5		- ILCGR

Finishing low pressure diaphragm pump accessories

Wagner offers a comprehensive accessories range for finishing low pressure diaphragm pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

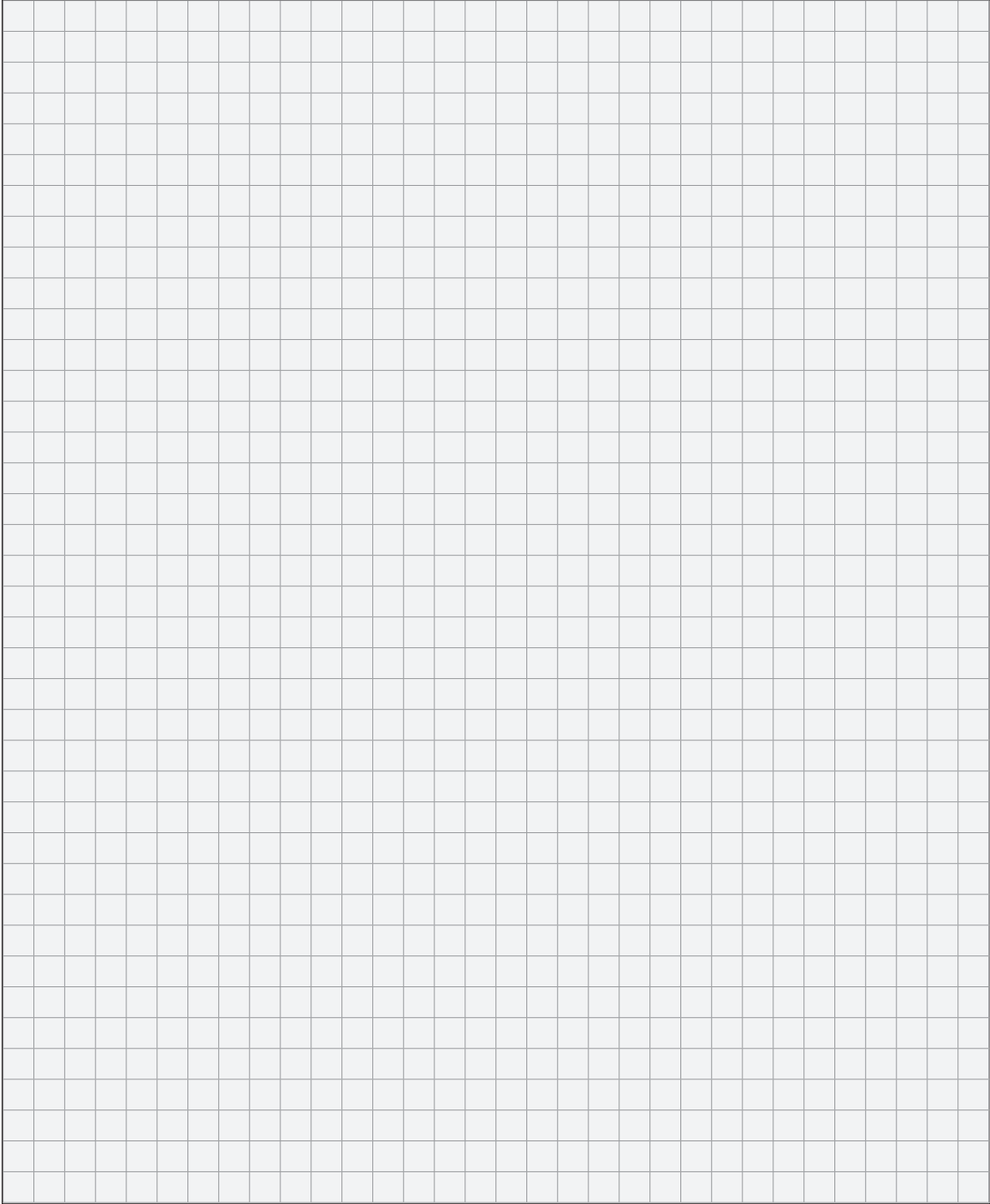
● Are compatible to each other

Feeding

Low pressure diaphragm pumps



Mounting equipment					
Wheel / Handle kit for T760.00S	●	●	T760.00R	-	ILCZU
Wall bracket EM31-40/Zip52 finish	●	●	T760.00M	-	ILCZU
Trolley Zip/Evomotion	●	●	T760.00SR	-	ILCZU
Stand Zip/Evomotion	●	●	T760.00S	-	ILCZU
Material connection					
Twin hose 6x8 mm; 7.5m; CS connect.	●	●	S419.00G	-	ILCZU
Double Hose LP D6x8 mt7,5 1/4"	●	●	S419.00GI	-	ILCZU
Material filter for FFC					
FFC FILTER CARTRIDGE 60M	●	●	T500.00	-	ILZU
Filter 100 mesh white	●	●	T500.00A	-	ILCZU
Filter 150 mesh	●	●	T500.00B	-	ILZU



Low-pressure diaphragm pumps for product feeding

Feeding

Low pressure diaphragm pumps

The ZIP and UNICA pneumatic double diaphragm pumps were designed specifically for reduced air consumption coupled with better performance and maximum reliability. The exclusive design and the broad application spectrum enable its use for corrosive, abrasive and highly viscous liquid media. ZIP pumps cover a broad application spectrum, including the feeding of paint supply systems; the feeding and circulation of printing ink, solvents, paints, chemicals and oils; the disposal of liquid waste; the supply of low-viscosity adhesives; and filling/emptying of tanks, drums and containers.

1. Reliability

The special long-life diaphragm ensures a high degree of reliability and minimum downtime. High chemical compatibility tanks to PTFE O-rings.

2. Minimal pressure

Thanks to minimized internal friction, the pump starts up reliably even with very low air pressure.

3. Versatility

Different pump sizes and a comprehensive product range ensure a wide range of possible application.

4. High efficiency

The optimized design with less dead space enables rapid paint changes and cleaning, and a reduction in the amount of solvent required.

5. High performance

The air motor ensures highest performance without icing and simultaneously reduced air consumption. No additional lubrication is required.



Overview of low pressure diaphragm pumps

WAGNER offers a comprehensive accessories range for low-pressure diaphragm pumps. Please choose the perfect solution for your requirements from the following table. Further information can be found in the product pages.

	Unica 4-270	Zip 52 PP, non-conductive	Zip 52 Perfect Flow plastic	Zip 80 plastic	PM500	Zip 182
Material inlet/outlet						
1/2" BPS		●	●			
3/4" BPS	●			●		
1" BPS					●	●
Max. flow						
8.1 l/min	●					
28 l/min			●			
52 L/min		●				
80 l/min					●	
182 l/min						●
Maximum material inlet pressure						
8 bar, 116 PSI		●	●	●	●	●
27 bar, 392 PSI	●					
Metal version						
Aluminum		●	●	●	●	●
Nickel-coated aluminium		●		●		
Stainless steel	●	●	●	●		●
Conductive plastic version						
POM		●	●	●		
PVDF		●		●		
Non-conductive plastic version						
Polypropylene		●	●	●		
PPS			●			

- very suitable
- suitable to a limited extent

Unica 4-270

Low-pressure diaphragm pump

Double diaphragm pump 4.5:1 for product transport and circulating systems. For pressures up to 27 bar and 8 L/min.



Technical data

Pump ratio	4.5 :1
Operating pressure	27 bar, 392 PSI
Volumetric flow per double stroke	270 cm ³ /DS, 16,48 in ³ /DH
Volumetric flow with free drainage	8.1 l/min, 2.1Gpm
Material inlet	F-G 3/4"
Material outlet	F-G3/4"
Max. suction lift	4 m, 13.1 ft
Air inlet connection	F-G 1/2"
Air inlet pressure	3,0 – 8,0 bar, 44 – 116 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	78 dB(A)
Weight	45,0 kg, 99.2 lb

Feeding

Low pressure diaphragm pumps

Material wetted parts

- SSt
- PTFE

Included items

- Pump with air pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- HRD variant with reinforced diaphragm.

Product variants	Item no.	Price	PH 2
Unica 4-270	U580.00		- ILGR
Unica 4-270 HRD	U580.00HRD		- ILGR

Zip 52

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems.
Up to 8 bar and 52 L/min.



Technical data

Pump ratio	1:1
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	108 cm ³ /DS, 6,59 in ³ /DH
Volumetric flow with free drainage	52 l/min, 13.7Gpm
Material inlet	F-G 1/2"
Material outlet	F-G 1/2"
Max. suction lift	4.9 m, 16.1 ft
Particle size	2 mm, 0.08 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	76 dB(A)
Material temperature	4 - 90 °C, 39.2 - 194.0 °F

Material wetted parts

- Depending on the version:
- P = Polypropylene
- T = PTFE
- H = UHMW-PE Polyethylene
- S = Stainless steel
- A = Aluminum
- G = POM (Polyoxymethylene)

Included items

- Without supply air pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- Please order air supply, suction system, and other accessories separately.

Product variants	Item no.	Price	PH 2
DDP Zip52 PTSS7	U552.PTSS7		- ILCGR
DDP Zip52 GHSS1	U552.GHSS1		- ILCGR
DDP Zip52 GHSS7	U552.GHSS7		- ILCGR
DDP Zip52 Alu	U550.ATRD7		- ILCGR
DDP Zip52 Alu	U550.ATSS7		- ILCGR
DDP Zip52 Alu	U550.ATSS8		- ILCGR
DDP ZIP52 STSS7	U550.STSS7		- ILCGR

Service sets			
Service-set reversing valve	P4003.00		- ILCET
Service-set	T9080.00		- ILCET
Service-Set Acetal-PPS	T9080.00A		- ILCET
Service-Set Acetal-Santopr. Diaphragms	T9080.00C		- ILCET
Service-Set SSt	T9080.00B		- ILCET
O-ring-set, product	T9077.00		- ILCET

Zip 52 Perfect Flow

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 28 L/min.



Technical data	
Pump ratio	1:1
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	65 cm ³ /DS, 3,97 in ³ /DH
Volumetric flow with free drainage	28 l/min, 7.4Gpm
Material inlet	F-G 1/2"
Material outlet	F-G1/2"
Max. suction lift	4.9 m, 16.1 ft
Particle size	2 mm, 0.08 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	76 dB(A)
Material temperature	4 - 90 °C, 39.2 - 194.0 °F

Feeding

Low pressure diaphragm pumps

Material wetted parts

- Depending on the version:
- P = Polypropylene
- T = PTFE
- H = UHMW-PE Polyethylene
- S = Stainless steel
- A = Aluminum
- G = Polyoxymethylene (POM)

Included items

- Without supply air pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- Please order air supply, suction system, and other accessories separately.

Product variants	Item no.	Price	PH 2
DDP Zip52 PF PTSS7	U553.PTSS7		- ILCGR
DDP Zip52 PF PHSD7	U553.PHSD7		- ILCGR
DDP Zip52 PF GTSS1	U553.GTSS1		- ILCGR
DDP Zip52 PF ATSS7	U551.ATSS7		- ILCGR

Service sets			
Service-set reversing valve	P4003.00		- ILCET
Service-set	T9080.00		- ILCET
Service-Set Acetal-PPS	T9080.00A		- ILCET

Zip 80

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems.
Up to 8 bar and 80 L/min.



Material wetted parts

- Aluminum
- PTFE
- Stainless steel

Included items

- Without supply air pressure regulator
- CE Declaration of Conformity
- Operating manual



Technical data

Pump ratio	1:1
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	225 cm ³ /DS, 13,73 in ³ /DH
Volumetric flow with free drainage	80 l/min, 21.1Gpm
Material inlet	F-G 3/4"
Material outlet	F-G 3/4"
Max. suction lift	4.9 m, 16.1 ft
Particle size	3 mm, 0.12 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	79 dB(A)
Material temperature	4 - 90 °C, 39.2 - 194.0 °F

Ordering information

- Please order air supply, suction system, and other accessories separately.

Product variants	Item no.	Price	PH 2
DDP Zip80 ATSS7	U555.ATSS7		- ILCGR

PM500

Low-pressure diaphragm pump

Double diaphragm pump for material transport/conveying and circulating systems. Ideal for lacquer supply. Up to 8 bar product pressure.



Technical data

Pump ratio	1 : 1
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	500 cm ³ /DS, 30,51 in ³ /DH
Volumetric flow with free drainage	80 l/min, 21.1Gpm
Material inlet	F-G 1"
Material outlet	F-G1"
Max. suction lift	6 m, 19.7 ft
Particle size	6 mm, 0.24 in
Air inlet pressure	1,0 – 10,0 bar, 15 – 145 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	81 dB(A)
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Weight	13,8 kg, 30.4 lb

Feeding

Low pressure diaphragm pumps

Material wetted parts

- Aluminum
- PTFE
- Stainless steel

Included items

- Pump with air pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- Please order air supply, suction system, and other accessories separately.

Product variants	Item no.	Price	PH 2
DDP PM500 varnish	U509.A0		- ILCGR
Pump PM 500 varnish	U509.A0A		- ILCGR

Zip 182

Low-pressure diaphragm pump

Double diaphragm pump for material transport and circulating systems.
Up to 8 bar and 182 L/min.



Technical data

Pump ratio	1:1
Operating pressure	8 bar, 116 PSI
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Volumetric flow with free drainage	182 l/min, 48.1 Gpm
Material inlet	F-G 1"
Material outlet	F-G1"
Max. suction lift	6.3 m, 20.7 ft
Particle size	3.5 mm, 0.14 in
Air inlet pressure	1,0 – 8,0 bar, 15 – 116 PSI
Sound level at 40 cycles and 6 bar air inlet pressure	78 dB(A)
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Weight	12,5 kg, 27.6 lb

Material wetted parts

- Aluminum
- PTFE
- Stainless steel

Included items

- Zip 182 without air pressure regulator
- CE Declaration of Conformity
- Operating manual

Ordering information

- Please order air supply, suction system, and other accessories separately.

Product variants	Item no.	Price	PH 2
DDP ZIP182 ATSS1	U560.ATSS1		- ILCGR

Service sets			
Reversing valve set	P4018.00		- ILCET
Fluid service set - PTFE diaphragms - SS	T9087.00		- ILCET
Product o-ring set	T9088.00		- ILCET

Low pressure diaphragm pump accessories

Wagner offers a comprehensive accessories range for low-pressure diaphragm pumps. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

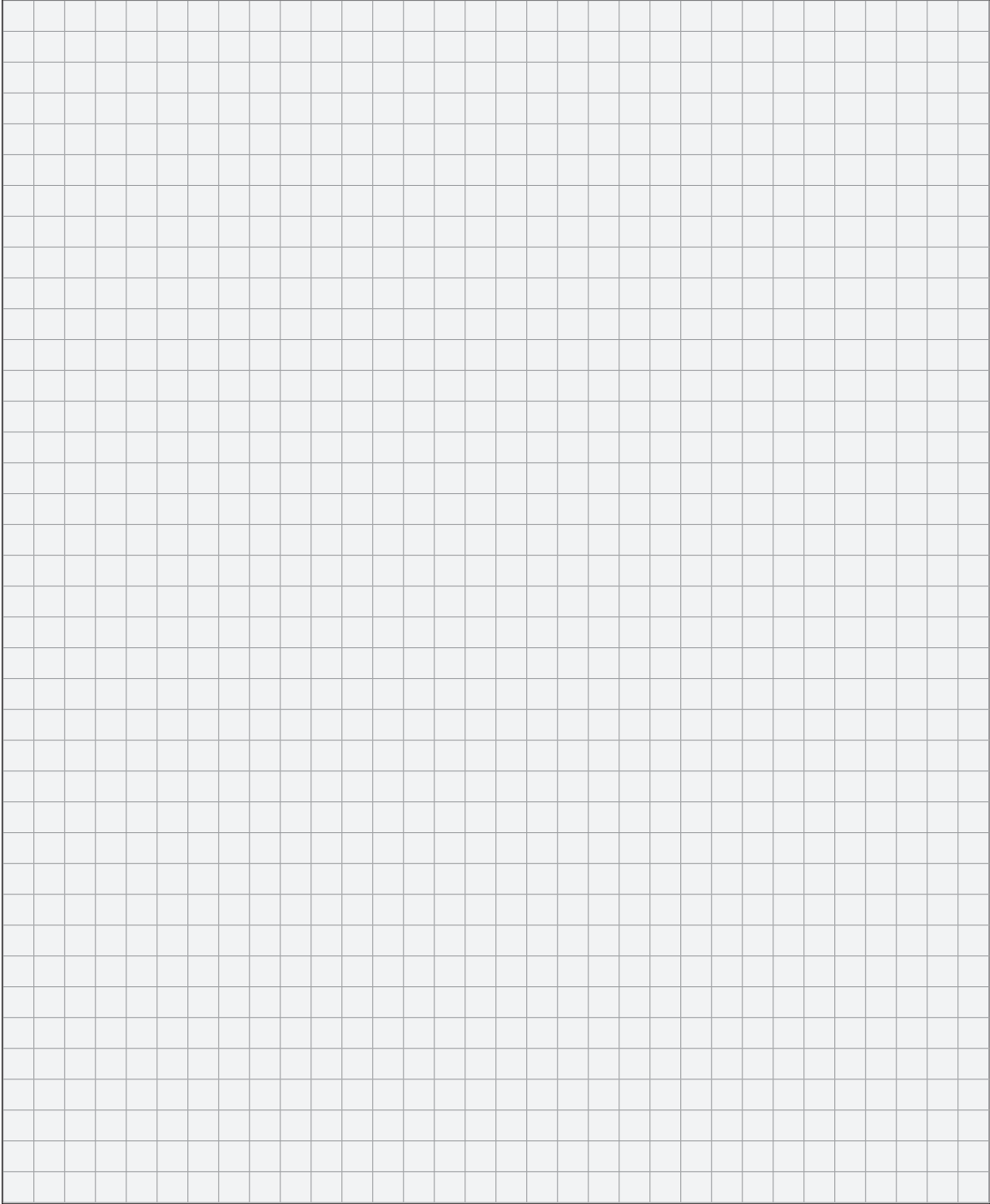
● Are compatible to each other

Feeding

Low pressure diaphragm pumps

Unica 4-270	Zip 52 / Zip 52 PF	Zip 80	PM500	Zip 182
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Mounting equipment							
Wall bracket Unica 4:1	●					T6151.00	- ILCZU
Stand Unica 4-270	●					T6148.00	- ILCET
Wall bracket EM31-40/Zip52 finish		●				T760.00M	- ILCZU
Wall bracket Zip52/80 bare pump			●	●	●	T600.573	- ILCZU
Air supply							
Air pressure regulator for DD 4:1	●					T6152.00	- ILCZU
Air pressure regulator 1/4"		●	●	●	●	P123.00	- ILCZU
Gauge 010 Black Actuator 1/8X52		●	●	●	●	P903.00	- ILCET
Kit control valve flexo		●	●	●	●	T600.523	- ILCET
Suction system							
Flex suction hose DN25-G3/4"-S-SSt	●					T4021.00I	- ILCZU
Hopper 5L -WildCat-Puma		●	●	●	●	367045	- ILZU
Spring set for valve							
Springset for valve	●					T6169.00	- ILCZU
Material pressure regulators							
MPR 40/05-8bar pneum. SSt	●	●	●	●	●	T0170.00BI	- ILCZU
MPR 25/0,5-5bar man. Alu		●	●	●	●	T0170.00A	- ILCZU
MPR 25/0,5-8bar pneum. Alu		●	●	●	●	T0170.00B	- ILCZU
MPR 25/0,5-5bar man. SSt		●	●	●	●	T0170.00AI	- ILCZU



Product pressure tanks

The use of product pressure tanks is suggested when coating large surface areas and performing continuous spraying work. The greatest advantage of pressure tanks is that the material flow is absolutely free of pulsation, which leads to excellent spraying results. Furthermore, there is no more time-consuming refilling of gravity feed and pressure cups for all conventional air atomizing guns and material supply with material pressure containers. Pressure tanks are ideal for use with abrasive materials (they have virtually no wear parts). They are also very suitable for shear-sensitive materials.

Feeding

Pressure tanks

1. Homogeneous surfaces - high color shade accuracy

The product pressure tanks can be equipped with manual, air powered or electric agitators.

2. Safety and functionality

Compact-size compressed fitting complete with safety valve. Product pressure tanks are ideal for the safe storing and conveying of liquid materials.

3 Suitable for all air-atomizing spray technologies

Conventional, medium-pressure, HVLP as well as HVLP plus.

4. Suitable for all and any coating media

All pressure tanks of the LDG series as well as all small pressure tanks of the MDG series are made of stainless steel. Bigger pressure tanks (as of MDG 12) are made of galvanized steel, but they can be supplied as stainless steel versions too. Insert buckets made of stainless steel, manufactured according to pressure tank size, are available on request. Alternatively, stainless steel insert buckets, available for any container size, may be used. Commercial 30-liter cans can be placed directly into the MDG 45 pressure tank.



LDG 5

Pressure tank

Thin-walled containers of type LDG 5 are made entirely of V4A stainless steel. The flat cover is attached by 4 foldable star handle locks.



Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	4.9 l, 1,29 gal(US)
Capacity	3.5 l, 0,92 gal(US)
Operating temperature	50 °C, 122.0 °F

Included items

- Pressure tank
- Cover with ascending pipe
- Material outlet ball valve
- Compressed air inlet fitting
- Pressure gauge
- Safety valve
- Plastic inliner

Ordering information

- Select the agitator equipment you require or no agitator equipment.

Product variants	Item no.	Price	PH 2
LDG-5 6bar ORW 1oA VA	V4405160013		- ILW014
LDG-5 6bar HRW 1oA VA	V4405160113		- ILW014
LDG-5 6bar DRW 1oA VA	V4405160213		- ILW014

LDG 10

Pressure tank



Thin-walled containers of type LDG 10 are made entirely of V4A stainless steel. The flat cover is attached by 4 foldable star handle locks.

Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	10 l, 2,64 gal(US)
Capacity	9 l, 2,38 gal(US)
Operating temperature	50 °C, 122.0 °F



Feeding

Pressure tanks

Included items

- Pressure tank
- Cover with ascending pipe
- Material outlet ball valve
- Compressed air inlet fitting
- Pressure gauge
- Safety valve
- Plastic inliner

Ordering information

- Select the agitator equipment you require or no agitator equipment.

Product variants	Item no.	Price	PH 2
LDG-10 6bar ORW 1oA VA	V4410160013		- ILW014
LDG-10 6bar HRW 1oA VA	V4410160113		- ILW014
LDG-10 6bar DRW 1oA VA	V4410160213		- ILW014
LDG-10 6bar ERW 1oA VA	V4410160313		- ILW014

LDG 20

Pressure tank

Thin-walled containers of type LDG 20 are made entirely of V4A stainless steel. The flat cover is fastened using 4 foldable star handle locks.



Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	20 l, 5,28 gal(US)
Capacity	15 l, 3,96 gal(US)
Operating temperature	50 °C, 122.0 °F

Included items

- Pressure tank
- Cover with ascending pipe
- Material outlet ball valve
- Compressed air inlet fitting
- Pressure gauge
- Safety valve

Ordering information

- Select the agitator equipment you require or no agitator equipment.

Product variants	Item no.	Price	PH 2
LDG-20 6bar ORW 1oA VA	V4420160013		- ILW014
LDG-20 6bar HRW 1oA VA	V4420160113		- ILW014
LDG-20 6bar DRW 1oA VA	V4420160213		- ILW014
LDG-20 6bar ERW 1oA VA	V4420160313		- ILW014

MDG 2

Pressure tank



WALTHER material pressure tank, type MDG 2, with fully assembled compressed air inlet fitting, reversible, incl. component-tested safety valve. Cover also equipped with a 1/4" fluid conduit and a 1/4" material outlet ball valve.

Technical data	
Operating pressure	3 bar, 44 PSI
Total capacity	2 l, 0,53 gal(US)
Capacity	1.8 l, 0,48 gal(US)
Operating temperature	50 °C, 122.0 °F

Feeding

Pressure tanks



Included items

- Pressure tank
- Compressed air inlet fitting, assy.
- Safety valve
- Cover with ascending pipe
- Material outlet ball valve
- Documentation

Product variants	Item no.	Price	PH 2
MDG-2 3bar ORW 1oA VA	V4402130013		- ILW014

MDG 12

Pressure tank

WALTHER material pressure tank, type MDG 12, with fully assembled air inlet fitting, reversible, incl. component-tested safety valve. Cover also equipped with standard filling closure \varnothing 55 mm, suction tube and an upper material outlet ball valve.



Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	12 l, 3,17 gal(US)
Capacity	11.5 l, 3,04 gal(US)
Operating temperature	50 °C, 122.0 °F

Included items

- Pressure tank
- Compressed air inlet fitting, assy.
- Safety valve
- Cover with standard filler cap
- Ascending pipe
- Material outlet ball valve
- Conformity certificate GM2000W
- Documentation

Ordering information

- Select the agitator equipment you require or no agitator equipment.

Product variants	Item no.	Price	PH 2
MDG-12 6bar ORW 1oA vz	V4422160012		- ILW014
MDG-12 6bar HRW 1oA vz	V4422160112		- ILW014
MDG-12 6bar DRW 1oA vz	V4422160212		- ILW014
MDG-12 6bar ERW 1oA vz	V4422160312		- ILW014

MDG 45

Pressure tank



WALTHER material pressure tank, type MDG 45, with fully assembled air inlet fitting, reversible, incl. component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	45 l, 11,89 gal(US)
Capacity	42.5 l, 11,23 gal(US)
Operating temperature	50 °C, 122.0 °F



Feeding

Pressure tanks

Included items

- Pressure tank
- Compressed air inlet fitting, assy.
- Safety valve
- Cover with standard filler cap
- Ascending pipe
- Material outlet ball valve
- Conformity certificate GM2000W
- Documentation

Ordering information

- Select the agitator equipment you require or no agitator equipment.
- Select the max. working pressure.

Product variants	Item no.	Price	PH 2
MDG-45 4bar ORW 1oA vz	V4424140012		- ILW014
MDG-45 4bar HRW 1oA vz	V4424140112		- ILW014
MDG-45 4bar DRW 1oA vz	V4424140212		- ILW014
MDG-45 4bar ERW 1oA vz	V4424140312		- ILW014
MDG-45 6bar ORW 1oA vz	V4424160012		- ILW014
MDG-45 6bar HRW 1oA vz	V4424160112		- ILW014
MDG-45 6bar DRW 1oA vz	V4424160212		- ILW014
MDG-45 6bar ERW 1oA vz	V4424160312		- ILW014

MDG 60

Pressure tank

WALTHER material pressure tank, type MDG 60, with fully assembled air inlet fitting, reversible, incl. component-tested safety valve. Cover also equipped with standard filling closure \varnothing 55 mm, suction tube and an upper material outlet ball valve.



Technical data	
Operating pressure	6 bar, 87 PSI
Total capacity	60 l, 15,85 gal(US)
Capacity	58.5 l, 15,45 gal(US)
Operating temperature	50 °C, 122.0 °F

Included items


- Pressure tank
- Compressed air inlet fitting, assy.
- Safety valve
- Cover with standard filler cap
- Ascending pipe
- Material outlet ball valve
- Conformity certificate GM2000W
- Documentation

Ordering information

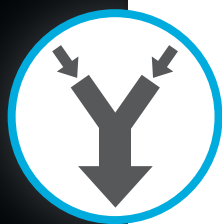
- Select the agitator equipment you require or no agitator equipment.
- Select the max. working pressure.

Product variants	Item no.	Price	PH 2
MDG-60 3bar ORW 1oA vz	V4425130012		- ILW014
MDG-60 3bar HRW 1oA vz	V4425130112		- ILW014
MDG-60 3bar DRW 1oA vz	V4425130212		- ILW014
MDG-60 3bar ERW 1oA vz	V4425130312		- ILW014
MDG-60 6bar ORW 1oA vz	V4425160012		- ILW014
MDG-60 6bar HRW 1oA vz	V4425160112		- ILW014
MDG-60 6bar DRW 1oA vz	V4425160212		- ILW014
MDG-60 6bar ERW 1oA vz	V4425160312		- ILW014

Highest precision for efficient operation.



With its mixing and dosing units, WAGNER offers a powerful family of products that fulfills the various requirements of numerous industrial applications perfectly. Whether mechanical or electronic, low or high pressure, automatic or manual coating - with the various WAGNER systems 2K to 4K materials can be processed to fulfill customer specific requirements.



Mixing



TwinControl

76



2K FlexControl

90



Cobra 2K

98

2-K TwinControl

A complete 2K mixing system family offering a unique operating concept and high mobility. For coating applications with one or two paints the TwinControl system provides high efficiency, a compact design, and simple operation, it fulfills diverse application requirements with ease, for example the processing of abrasive materials with high viscosity and corrosion protection or for sensitive finishing topcoats. The non-contact measuring system is based on magnetic stroke sensors and ensures a very high and reliable mixing accuracy, independent of material properties such as shearing sensitivity, abrasiveness, or viscosity. Using the version configuration the system can be customized according to the customer requirements.

Mixing

TwinControl

1. User friendliness

All operating parameters come with quick, easy, and language-neutral controls: Start, Stop and Flush are all that is needed for complete operation.

2. Maximum performance

The powerful IceBreaker® piston pump ensures maximum reliability and performance.

3. Maximum reliability

The patented magnetic stroke sensor ensures maximum accuracy and reliability even for high-viscosity materials and sensitive topcoats.

4. Easy cleaning

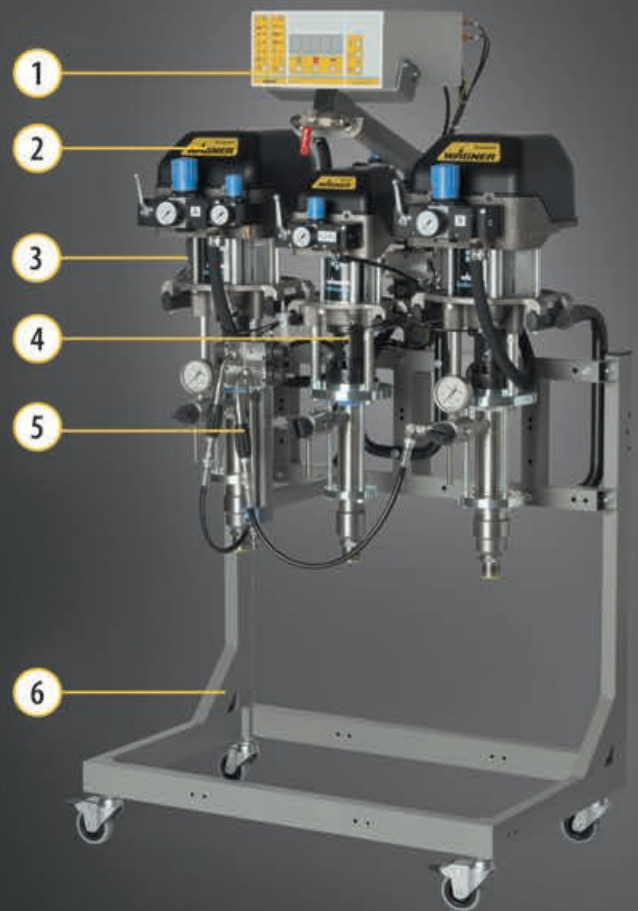
The fully automated flushing process ensures easy, quick and absolutely reliable flushing at the push of a button. At the next startup the system displays exactly and fully automatically when it is ready for coating.

5. Precision and mixing accuracy

The specially designed mixing block with integrated dosing valves ensures precise dosing and excellent homogenization of the components. Moreover, the flushing efficiency is simply unique.

6. Optimal flexibility

In addition to the choice between frame or trolley, our comprehensive accessories range offers a great selection of additional heaters, gun flush boxes or external mixers.



TwinControl 5-60

Electronic mixing and dosing system

Electronic 1-paint 2K mixing system for Airless applications. Including flushing pump and air-solvent flushing. Optional with second paint.



Technical data	
Input voltage (not Atex)	115 – 230 V
Input frequency (not Atex)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	40 bar, 580 PSI
Volume flow at a 1:1 mixing ratio (max.)	3.6 l/min
Volume flow at a 4:1 mixing ratio (max.)	2.3 l/min
Volume flow at a 10:1 mixing ratio (max.)	2 l/min
Volume flow at a 20:1 mixing ratio (max.)	1.9 l/min
Material inlet	M-M 36x2
Material outlet	M-G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 5-60 ABS Ex GR	2339519		- ILMIX
TwinControl 5-60 ABS GR	2340464		- ILMIX
TwinControl 5-60 ABS Ex W	2340465		- ILMIX
TwinControl 5-60 ABS W	2340466		- ILMIX
TwinControl 5-60 ABS Ex GR M	2339016		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 10-70

Electronic mixing and dosing system

Electronic 1-paint 2K mixing system for Airless applications. Including flushing pump and air-solvent flushing. Optional with second paint.



Technical data	
Input voltage (not ATEX)	115 – 230 V
Input frequency (not ATEX)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	40 bar, 580 PSI
Volume flow at a 1:1 mixing ratio (max.)	3.6 l/min
Volume flow at a 4:1 mixing ratio (max.)	2.3 l/min
Volume flow at a 10:1 mixing ratio (max.)	2 l/min
Volume flow at a 20:1 mixing ratio (max.)	1.9 l/min
Material inlet	M-M 36x2
Material outlet	M-G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Mixing

TwinControl

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 10-70 ABS Ex GR M	2339020		- ILMIX
TwinControl 10-70 ABS GR	2340467		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 28-40

Electronic mixing and dosing system

Electronic 1-paint 2K high-pressure mixing system for AirCoat applications up to 270 bar. Including flushing pump. Optionally with second paint.



Technical data	
Input voltage (not Atex)	115 – 230 V
Input frequency (not Atex)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F–G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	224 bar, 3249 PSI
Volume flow at a 1:1 mixing ratio (max.)	2.4 l/min
Volume flow at a 4:1 mixing ratio (max.)	1.5 l/min
Volume flow at a 10:1 mixing ratio (max.)	1.3 l/min
Volume flow at a 20:1 mixing ratio (max.)	1.2 l/min
Material inlet	M–M 36x2
Material outlet	M–G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 28-40 ABS Ex GR	2340468		- ILMIX
TwinControl 28-40 ABS GR	2338992		- ILMIX
TwinControl 28-40 ABS Ex W	2340469		- ILMIX
TwinControl 28-40 ABS W	2340470		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 35-70

Electronic mixing and dosing system

Electronic 1-paint 2K high-pressure mixing system for AirCoat - or Airless - applications up to 270 bar. Including flushing pump. Optional with second color.



Technical data	
Input voltage (not ATEX)	115 – 230 V
Input frequency (not ATEX)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	250 bar, 3626 PSI
Volume flow at a 1:1 mixing ratio (max.)	4.2 l/min
Volume flow at a 4:1 mixing ratio (max.)	2.6 l/min
Volume flow at a 10:1 mixing ratio (max.)	2.4 l/min
Volume flow at a 20:1 mixing ratio (max.)	2.2 l/min
Material inlet	M-M 36x2
Material outlet	M-G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Mixing
TwinControl

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 35-70 ABS Ex GR	2338758		- ILMIX
TwinControl 35-70 ABS GR	2339008		- ILMIX
TwinControl 35-70 ABS W	2340473		- ILMIX
TwinControl 35-70 ABS Ex W	2340471		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 35-150/35-70

Electronic mixing and dosing system

Electronic 1-paint 2K high-pressure mixing system for AirCoat applications with several guns. Up to 250 bar. Including flushing pump. Optional with second paint.



Technical data	
Input voltage (not Atex)	115 – 230 V
Input frequency (not Atex)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F–G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	250 bar, 3626 PSI
Volume flow at a 4:1 mixing ratio (max.)	5.6 l/min
Volume flow at a 10:1 mixing ratio (max.)	4.9 l/min
Volume flow at a 20:1 mixing ratio (max.)	4.7 l/min
Material inlet	M–M 36x2
Material outlet	M–G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 35-150/70 ABS Ex GR	2340474		- ILMIX
TwinControl 35-150/70 ABS GR	2340475		- ILMIX
TwinControl 35-150/70 ABS Ex W	2340476		- ILMIX
TwinControl 35-150/70 ABS W	2340488		- ILMIX
TwinControl 35-150/70 ABS Ex GR A+B E	2339004		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 48-110

Electronic mixing and dosing system

Electronic 1-paint 2K mixing system for Airless applications up to 370 bar. Including flushing pump. Finishing and protective coating materials processible.



Technical data

Input voltage (not ATEX)	115 – 230 V
Input frequency (not ATEX)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1/2"
Mixing ratio	0,1:1 – 20:1
Mixing accuracy	± 2%
Material pressure	370 bar, 5366 PSI
Volume flow at a 1:1 mixing ratio (max.)	6.6 l/min
Volume flow at a 4:1 mixing ratio (max.)	4.2 l/min
Volume flow at a 10:1 mixing ratio (max.)	3.8 l/min
Volume flow at a 20:1 mixing ratio (max.)	3.5 l/min
Material inlet	M-M 36x2
Material outlet	M-G 3/8"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the TwinControl finishing configurator.
- A wide range of choices, for example a gun flush box, external mixer, or remote control.

Product variants	Item no.	Price	PH 2
TwinControl 48-110 AB Ex W	2340477		- ILMIX
TwinControl 48-110 AB Ex GR	2340478		- ILMIX
TwinControl 48-110 ABS Ex GR	2339021		- ILMIX
TwinControl 48-110 ABS GR	2339028		- ILMIX
TwinControl 48-110 ABS Ex TR	2340479		- ILMIX
TwinControl Configurator Finishing VC	2337701		- ILMIX

TwinControl 75-150

Electronic mixing and dosing system

Electronic 1-paint 2K mixing systems for heavy corrosion protection. Airless applications up to 530 bar with single or multiple gun use, including flushing pump.



Technical data	
Input voltage (not Atex)	115 – 230 V
Input frequency (not Atex)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F–G 1"
Mixing ratio	0,1:1 – 10:1
Mixing accuracy	± 2%
Material pressure	530 bar, 7687 PSI
Volume flow at a 1:1 mixing ratio (max.)	9 l/min
Volume flow at a 4:1 mixing ratio (max.)	5.6 l/min
Volume flow at a 10:1 mixing ratio (max.)	4.9 l/min
Material inlet	F–G 1 1/2"
Material outlet	M–G 1/2"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the protective coating configurator.
- Great selection choice, e.g. heater, soft circulation, gun flush box, external mixer, remote control.
- Versions on trolley or frame with rollers.

Product variants	Item no.	Price	PH 2
TwinControl 75-150 ABS Ex GR	2340480		- ILMIX
TwinControl 75-150 ABS GR	2340482		- ILMIX
TwinControl 75-150 ABS Ex Wag	2340484		- ILMIX
TwinControl 75-150 ABS Ex GR A+B PSV	2340486		- ILMIX
TwinControl Configurator PC VC	2338179		- ILMIX

TwinControl 55-200

Electronic mixing and dosing system

Electronic 1-paint 2K mixing systems for heavy corrosion protection. Airless applications up to 530 bar with single or multiple gun use, including flushing pump.



Technical data

Input voltage (not ATEX)	115 – 230 V
Input frequency (not ATEX)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1"
Mixing ratio	0,1:1 – 10:1
Mixing accuracy	± 2%
Material pressure	440 bar, 6382 PSI
Volume flow at a 1:1 mixing ratio (max.)	12 l/min
Volume flow at a 4:1 mixing ratio (max.)	7.5 l/min
Volume flow at a 10:1 mixing ratio (max.)	6.6 l/min
Material inlet	F-G 1 1/2"
Material outlet	M-G 1/2"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the protective coating configurator.
- Great selection choice, e.g. heater, soft circulation, gun flush box, external mixer, remote control.
- Versions on trolley or frame with rollers.

Product variants	Item no.	Price	PH 2
TwinControl Configurator PC VC	2338179		- ILMIX
TwinControl 55-200 / 48-110 ABS Ex. GR	2345351		- ILMIX
TwinControl 55-200 ABS Ex. trolley	2345352		- ILMIX

TwinControl 72-300/75-150

Electronic mixing and dosing system

Electronic 1-paint 2K mixing systems for heavy corrosion protection. Airless applications up to 530 bar, also for critical high-viscosity material. Single or multiple gun use, including flushing pump.



Technical data	
Input voltage (not Atex)	115 – 230 V
Input frequency (not Atex)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F–G 1"
Mixing ratio	0,1:1 – 10:1
Mixing accuracy	± 2%
Material pressure	530 bar, 7687 PSI
Volume flow at a 4:1 mixing ratio (max.)	11.2 l/min
Volume flow at a 10:1 mixing ratio (max.)	9.9 l/min
Material inlet	F–G 1 1/2"
Material outlet	M–G 1/2"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the protective coating configurator.
- Great selection choice, e.g. heater, soft circulation, gun flush box, external mixer, remote control.
- Versions on trolley or frame with rollers.

Product variants	Item no.	Price	PH 2
TwinControl 72-300/150 ABS Ex GR	2340379		- ILMIX
TwinControl 72-300/150 ABS Ex Wag	2340483		- ILMIX
TwinControl Configurator PC VC	2338179		- ILMIX

TwinControl 72-300

Electronic mixing and dosing system

Electronic 1-paint 2K mixing systems for heavy corrosion protection. Airless applications up to 530 bar, also for critical high-viscosity material. Single or multiple gun use, including flushing pump.



Technical data	
Input voltage (not ATEX)	115 – 230 V
Input frequency (not ATEX)	50 – 60 Hz
Air inlet pressure	5,0 – 8,0 bar, 73 – 116 PSI
Air inlet connection	F-G 1"
Mixing ratio	0,1:1 – 10:1
Mixing accuracy	± 2%
Material pressure	530 bar, 7687 PSI
Volume flow at a 1:1 mixing ratio (max.)	18 l/min
Volume flow at a 4:1 mixing ratio (max.)	11.2 l/min
Volume flow at a 10:1 mixing ratio (max.)	9.9 l/min
Material inlet	F-G 1 1/2"
Material outlet	M-G 1/2"
Max. material pressure at pump inlet	5 bar, 73 PSI
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	3,5 – 9,0 pH

Processable materials

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE-T / PE-TG

Ordering information

- Please order suction hoses separately.
- Freely configurable system with the protective coating configurator.
- Great selection choice, e.g. heater, soft circulation, gun flush box, external mixer, remote control.
- Versions on trolley or frame with rollers.

Product variants	Item no.	Price	PH 2
TwinControl 72-300 ABS Ex GR	2340374		- ILMIX
TwinControl 72-300 ABS Ex Wag	2340377		- ILMIX
TwinControl 72-300 ABS Ex Wag A+B PS	2340382		- ILMIX

TwinControl accessories

Wagner offers a comprehensive accessories range for 2K TwinControl. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

TwinControl 5-60	TwinControl 18-40/18-40	TwinControl 28-40	TwinControl 35-70	TwinControl 35-150/35-70	TwinControl 48-110	TwinControl 75-150	TwinControl 72-300/75-150	TwinControl 72-300
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Suction system											
Suction hose DN16-SSt assy.	●		●	●					2324110	-	ILZU
Suction hose DN25-SSt assy.	●		●	●	●	●	●		2324116	-	ILZU
Flex suction hose DN13-M36x2-S	●		●						97073	-	DPZU
Hopper 5L -WildCat-Puma	●	●	●						367045	-	ILZU
Flex suction hose DN25-M36x2-E90°	●		●	●	●	●	●	●	367140	-	ILZU
Suction hose DN38-PC assy.						●	●	●	2325815	-	ILZU

Item no.	2340477	2340478	2339021	2339028	2340479	2340480	2340482	2340484	2340486	2345351	2345352	2340379	2340483	2340374	2340377	2340382
Pump A																
Leopard 48-110	●	●	●	●	●											
Jaguar 75-150						●	●	●	●							
Jaguar 55-200										●	●					
Jaguar 38-300																
Tiger 72-300												●	●	●	●	●
Pump B																
Leopard 48-110	●	●	●	●	●											
Jaguar 75-150						●	●	●	●			●	●			
Jaguar 55-200										●	●					
Jaguar 38-300																
Tiger 72-300														●	●	●
Pump flushing agent																
Puma 28-40			●	●	●											
Leopard 35-70						●	●	●	●	●	●	●	●	●	●	●
Controller																
not Atex, 100...230V DC and air supply	●	●	●		●	●		●	●	●	●	●	●	●	●	●
Atex, only air supply				●			●									
Mounting/Assembly																
Frame with rollers																
Trolley					●			●			●		●		●	●
Wall mount	●															
Circulation soft																
A-page									●							●
B page									●							●
Mixer																
internal mixer																
prepared for external mixer																
GFB																
prepared for the assembly of a GFB									●							●
Heater																
A-page									●							●
B page									●							●
Price	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PH 2	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX	ILMIX

2-K FlexControl

The WAGNER FlexControl family is the ideal solution for achieving the exacting requirements for high-precision mixture ratios and homogeneity, fast paint changes, complex 2K, 3K or 4K applications and complete automation! FlexControl offers an almost unlimited number of options for use and for the integration of peripheral devices (e.g. robots, conveyors or automated lines). Precise measurement and control technology, as well as redundant monitoring systems guarantee highest process safety.

1. Extremely easy handling

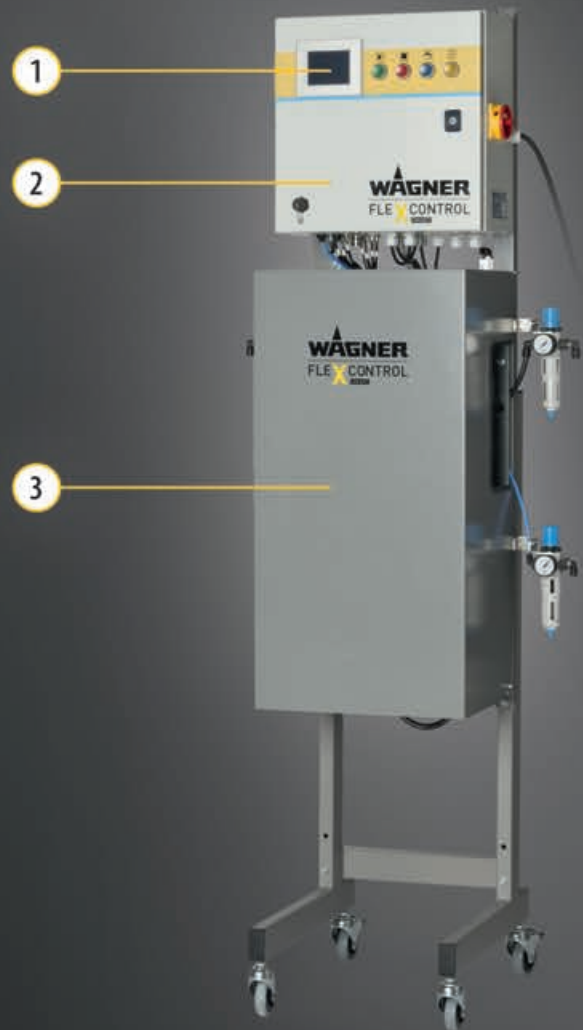
Flat touch screen for entering and monitoring all functions. The device ensures quick and easy paint changes.

2. Diverse range of applications

FlexControl is suitable for the use with 2K, 3K, or 4K materials as well as for high and low-pressure applications (up to 270 bar).

3. ATEX Version

For use in Ex protected areas, the system can be separated into the control unit and an Ex fluid section.



FlexControl plus

Electronic mixing and dosing system

Electronic 2 K mixing system for high and low pressure requirements.



Technical data	
Mixing ratio	0,1:1 – 50:1
Mixing accuracy	± 1%
Material pressure	1 – 270 bar, 15 – 3916 PSI
Material inlet	F–M 16x1,5
Material outlet	M 16x1,5
Material temperature	5 - 40 °C, 41.0 - 104.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Component A	1 – 25
Component B	1 – 10
Component C	1 – 10
Component D	1 – 10
Flushing fluid A	1 – 10
Flushing fluid B	1 – 5
Flushing fluid C	1 – 5
Flushing fluid D	1 – 5
Weight	60,0 kg, 132.3 lb
Sound level of alarm	110 dB(A)
Material pH	3,5 – 9,0 pH
Depth	340 mm, 13.4 in

Processable materials

- Solvent-based 2K, 3K, and 4K lacquers and adhesives
- Water-based 2K, 3K, and 4K lacquers and adhesives

Material wetted parts

- Tungsten carbide
- Stainless steel
- PTFE
- POM
- Viton

Ordering information

- The FlexControl mixing system product family is highly adaptable to different requirements. Your authorized WAGNER partner can individually configure the system using configuration software in the WAGNER InfoNet and will be happy to advise you.

Product variants	Item no.	Price	PH 2
FlexControl plus no Ex (see configuration)	FCplus_noEx		- ILMIX
FlexControl plus Ex (see configuration)	FCplus_Ex		- ILMIX

FlexControl plus XL

Electronic mixing and dosing system

Electronic 2K mixing system for applications up to 400 bar



Technical data	
Mixing ratio	0,1:1 – 50:1
Mixing accuracy	± 1%
Material pressure	1 – 400 bar, 15 – 5802 PSI
Material inlet	F–M 16x1,5
Material outlet	M 16x1,5
Material temperature	5 - 40 °C, 41.0 - 104.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Component A	1 – 25
Component B	1 – 10
Component C	1 – 10
Component D	1 – 10
Flushing fluid A	1 – 10
Flushing fluid B	1 – 5
Flushing fluid C	1 – 5
Flushing fluid D	1 – 5
Weight	180,0 kg, 396.9 lb
Sound level of alarm	110 dB(A)
Material pH	3,5 – 9,0 pH
Height	1150 mm, 45.3 in
Depth	340 mm, 13.4 in

Mixing

2K FlexControl

Processable materials

- Solvent-based 2K, 3K, and 4K lacquers and adhesives
- Water-based 2K, 3K, and 4K lacquers and adhesives

Material wetted parts

- Tungsten carbide
- Stainless steel
- PTFE
- POM
- Viton

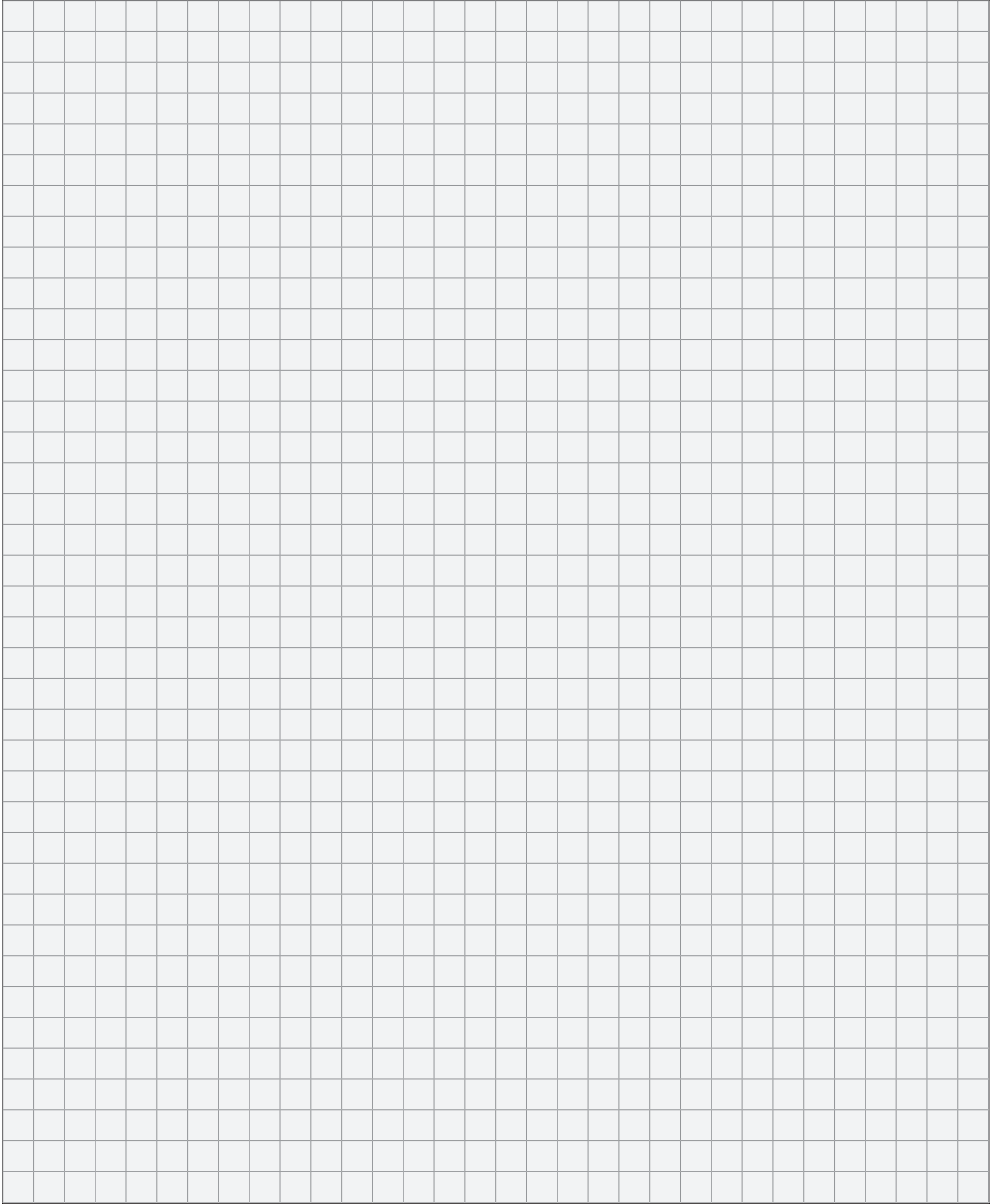
Included items

- An operating manual, spare parts catalog and software documentation are standardly included.

Ordering information

- The FlexControl mixing system product family is highly adaptable to different requirements. Your authorized WAGNER partner can individually configure the system using configuration software in the WAGNER InfoNet and will be happy to advise you.

Product variants	Item no.	Price	PH 2
FlexControl plus XL (see configuration)	FCplusXL_Ex		- ILMIX



FlexControl Smart

Electronic mixing and dosing system

Simple, flexible and innovative!



Technical data	
Mixing ratio	0,1:1 – 50:1
Mixing accuracy	± 1%
Material pressure	1 – 250 bar, 15 – 3626 PSI
Material inlet	M-G 1/4", 60° Innenkonus
Material outlet	M-1/4", NPS, 60° Innenkonus
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Component A	1 – 5
Component B	1 – 2
Component C	0 – 1
Flushing fluid A	2
Flushing fluid B	2
Material pH	3,5 – 9,0 pH
Width	530 mm, 20.9 in
Height	1325 mm, 52.2 in
Depth	340 mm, 13.4 in

Mixing

2K FlexControl

Processable materials

- Solvent-based lacquer 2K and 3K
- Water-based 2K and 3K

Included items

- Device and USB stick with operating manual, software documentation, and SmartData software.
- All of the basic units listed below offer the following functions/characteristics:
 - Gear flow meter with slide bearing
 - Inline filter for all components
 - Same flushing agent for A and B
 - Gun monitoring
 - Mixing block
 - Static-mixer 6-32
 - Wall Mounting
- For ATEX systems the length of the connecting set is 10m.

Ordering information

- The shown basic units can be complemented with the expansion sets listed below. Here the number of the inputs and outputs provided by the basic unit must not exceed the sum of the inputs and outputs required for the expansion sets.

Basic units

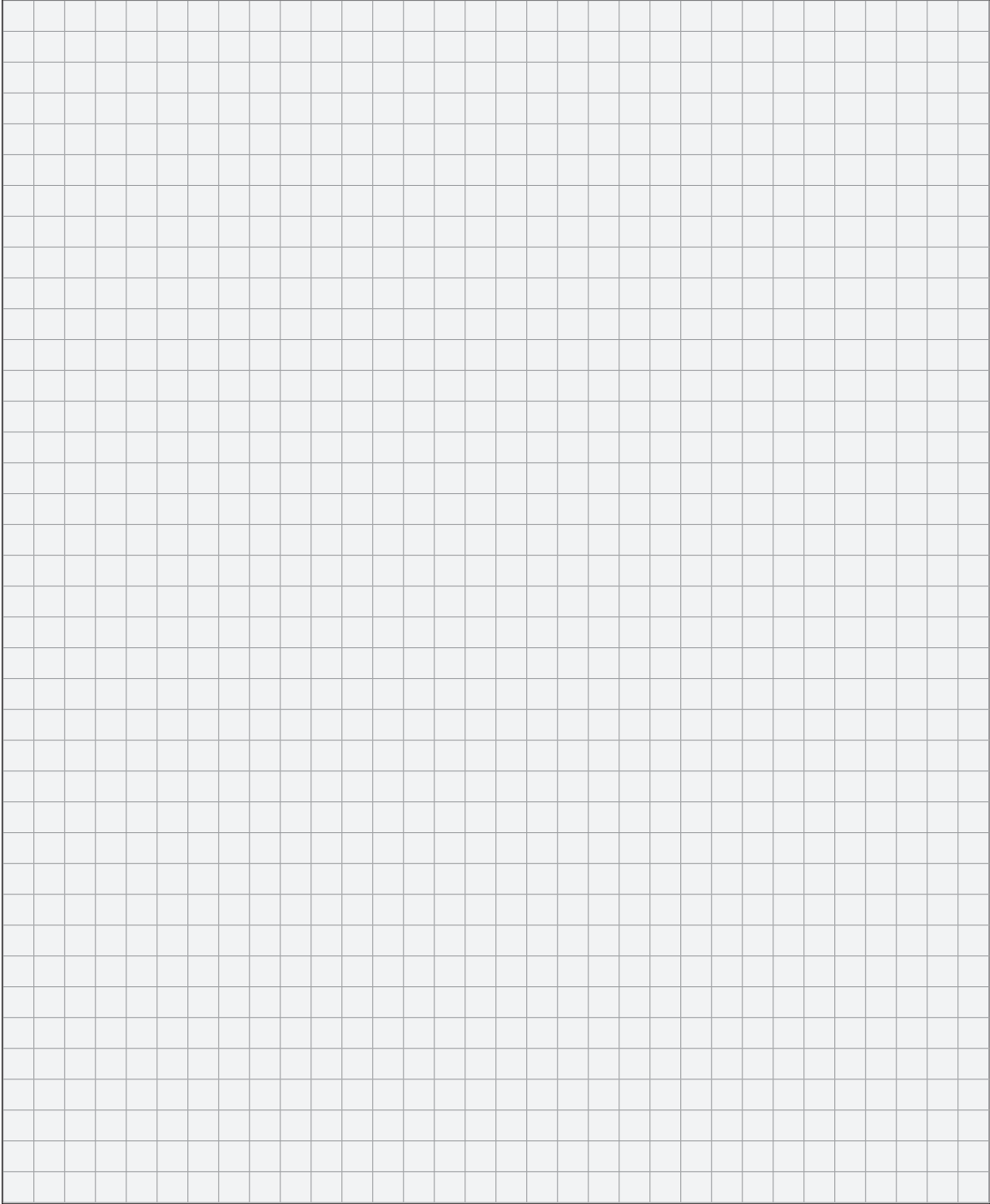
Item no.	ATEX classification	Pressure range	Component A	Component B	Component C	Atomizing air deactivation	GFB connection	Robot communication	AIS for B	Pneumatic outputs	Electrical inputs	Electrical outputs	Price	PH 2
2343189		HD	1	1						4	3	2	-	ILMIX
2343194		ND	1	1						4	3	2	-	ILMIX
2343196	Ex	HD	1	1						5	3	1	-	ILMIX
2343197	Ex	ND	1	1						5	3	1	-	ILMIX
2343198		HD	1	1						4	3	0	-	ILMIX
2343200		ND	1	1						4	3	0	-	ILMIX
2343201	Ex	HD	1	1						5	3	0	-	ILMIX
2343202	Ex	ND	1	1						5	3	0	-	ILMIX
2343203		HD	1	1						12	3	13	-	ILMIX
2343204		ND	1	1						12	3	13	-	ILMIX
2343206	Ex	HD	1	1						13	3	9	-	ILMIX
2343207	Ex	ND	1	1						13	3	9	-	ILMIX
2343208		HD	1	1						12	3	8	-	ILMIX
2343209		ND	1	1						12	3	8	-	ILMIX
2343211	Ex	HD	1	1						13	3	7	-	ILMIX
2343214	Ex	ND	1	1						13	3	7	-	ILMIX
2343215	Ex	HD	1	1						13	1	6	-	ILMIX
2343216	Ex	ND	1	1						13	1	6	-	ILMIX
2343217		HD	1	1						9	3	10	-	ILMIX
2343218		ND	1	1						9	3	10	-	ILMIX
2343272	Ex	HD	1	1						10	3	10	-	ILMIX
2343311	Ex	ND	1	1						10	3	10	-	ILMIX
2343312		HD	1	1						9	3	8	-	ILMIX
2343313		ND	1	1						9	3	8	-	ILMIX
2343314	Ex	HD	1	1						10	3	8	-	ILMIX
2343316	Ex	ND	1	1						10	3	8	-	ILMIX
2343317	Ex	HD	1	1						10	1	6	-	ILMIX
2343318	Ex	ND	1	1						10	1	6	-	ILMIX
2343219		HD	1	1						11	3	10	-	ILMIX
2343410		ND	1	1						11	3	10	-	ILMIX
2343319	Ex	HD	1	1	1					13	3	8	-	ILMIX
2343320	Ex	ND	1	1	1					13	3	8	-	ILMIX
2343323		HD	1	1	1					11	3	8	-	ILMIX
2343220		ND	1	1	1					11	3	8	-	ILMIX
2343378	Ex	HD	1	1	1					13	3	6	-	ILMIX
2343379	Ex	ND	1	1	1					13	3	6	-	ILMIX
2343380		HD	1	2						11	3	10	-	ILMIX
2343381		ND	1	2						11	3	10	-	ILMIX

Ex = ATEX classification II 2G

HP = high-pressure

LP = low pressure

Description	Pneumatic outputs	Electrical outputs	Electrical inputs	Item no.	Price	PH 2
AIS set	3			2339421	-	ILMIX
Dosing valve set for B component Ex		1		2339594	-	ILMIX
Automatic atomizing air system set DN 8		1		2339548	-	ILMIX
Gun flush box control set		1		2339766	-	ILMIX
Air bubbles monitoring set Ex			1	2339599	-	ILMIX
Electro static auto. set for GM5000		1		2339689	-	ILMIX
Gun monitoring set for automatic spray g			1	2340402	-	ILMIX
Flow monitor set lacquer Airless N-EX			1	2340026	-	ILMIX
Flow monitor set for lacquer Airless Ex			1	2340027	-	ILMIX
High-pressure paint valve set (DN 2.6)	1			2339542	-	ILMIX
Low-pressure paint valve set (DN 4)	1			2339543	-	ILMIX
Dosing valve set for B component Non-Ex	1			2339544	-	ILMIX
HP splitter valve set (DN 2.6)	2			2339545	-	ILMIX
HP splitter valve set (DN 2.6) flushing	4			2339546	-	ILMIX
LP splitter valve set (DN 4)	2			2339597	-	ILMIX
LP splitter valve set (DN 4) flushing	4			2339547	-	ILMIX
Mixing head valve set	2			2340028	-	ILMIX
Air-solvent flushing set	1			2340082	-	ILMIX
Dump valve set	1			2339574	-	ILMIX
Double dump valve set - waste separation	2			2343061	-	ILMIX



Cobra 2K

The Cobra 2K is an innovative extremely compact 1:1 high-pressure mixing system for processing polyester-based lacquers. Thanks to alternating mixing and homogenization of pre-mixed resin with hardener and resin with accelerator mixtures and excellent and uniform surface quality can be achieved that normally is only possible with 3K systems and high investments.

Mixing

Cobra 2K

1. Reliability

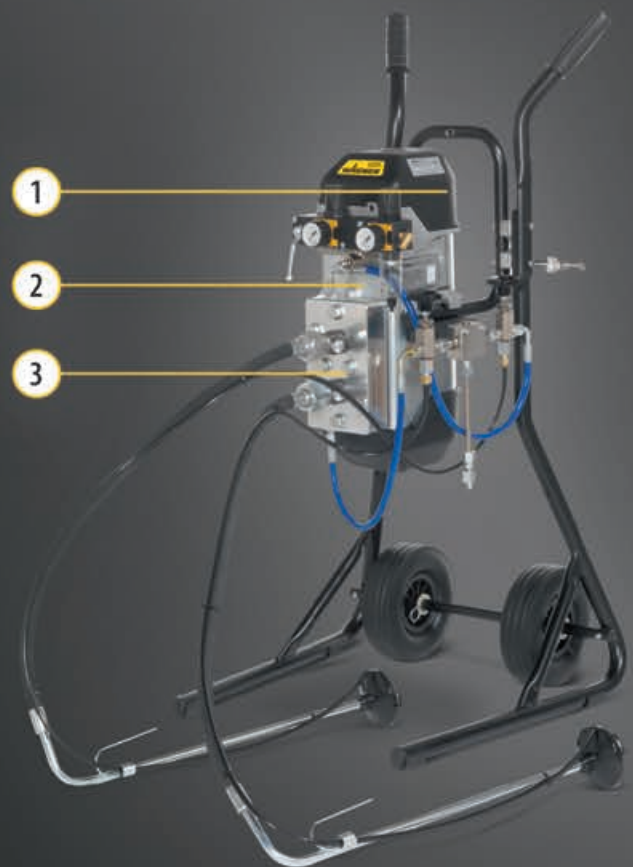
Extremely durable diaphragms ensure highest reliability and minimal maintenance.

2. Efficiency

Drastic reduction of the solvent and product consumption compared to pre-mixed materials. The small and edge free inside offers a high material saving potential.

3. Perfect solution for polyester lacquers

1:1 mixing ratio and very good homogenization of the pre-mixed resin hardener and accelerator components.



Cobra 2-component

Mixing and dosing system

1:1 mixing pump for polyester applications, AirCoat up to 250 bar and 2 L/min.



Technical data

Air inlet pressure	2,5 – 6,0 bar, 36 – 87 PSI
Air inlet connection	G 1/2"
Mixing accuracy	± 10%
Hose connection, paint section	G 1/4"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Ambient temperature	10 – 60 °C, 50 – 140 °F
Weight	36,0 kg, 79.4 lb
Material pH	3,5 – 9,0 pH

Processable materials

- Polyester

Material wetted parts


- Tungsten carbide
- Stainless steel
- Consistal
- Stainless steel 1.4104

Ordering information

- Suction hoses and additional accessories round out the accessories range.

Product variants	Item no.	Price	PH 2
Cobra 2K on trolley	U850.00C		- ILCGR
Cobra 2K on base frame	U850.00S		- ILCGR

Best atomization for perfect application.

A worker wearing a white protective suit and a hood with a clear face shield is using a Wagner spray gun. The worker is holding the spray gun with both hands, and a spray of material is visible coming from the nozzle. The background is dark and industrial.

The list of objects coated with WAGNER guns stretches from lorry axles right up to children's toys, from writing utensils right up to construction vehicles. All WAGNER application processes are based on highly advanced technologies. Perfect coating results at the same time as the greatest possible application efficiency in the widest range of applications and with a variety of different materials, are the result of years of development and experience.

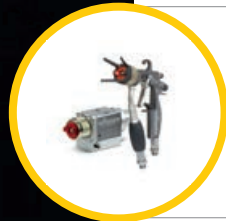


Applying



AirSpray

102



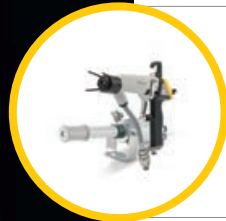
AirCoat

122



Airless

132



Electrostatic solvent

144



Electrostatic water-based lacquers

158



Rotary atomization

168

AirSpray manual and automatic guns

WALTHER PILOT spray guns can process virtually all coating materials. These not only include water and solvent based lacquers, but also adhesives, separating agents, oils and more. All models offer an extensive nozzle selection to meet the highest quality requirements and ensure material-saving processes. Additionally, most of the spray guns are also available as medium-pressure and HVLV Plus models. This allows for particularly high application rates. Put us to the test and use the successful results as benchmark: The spraying results, the material savings, and the sustained contribution to environmental protection thanks to the reduced use of overspray.

1. Quality „Made in Germany“

High precision air cap technology „Made in Germany“ for exceptionally fine atomization, optimal reproducibility and high transfer efficiency.

2. Design Variants

All hand-held spray guns are available for connection to material supply systems by means of a pressure tank or pump.

3. Flexibility

Round-to-flat jet control as well as material volume regulation.

4. Perfect Handling

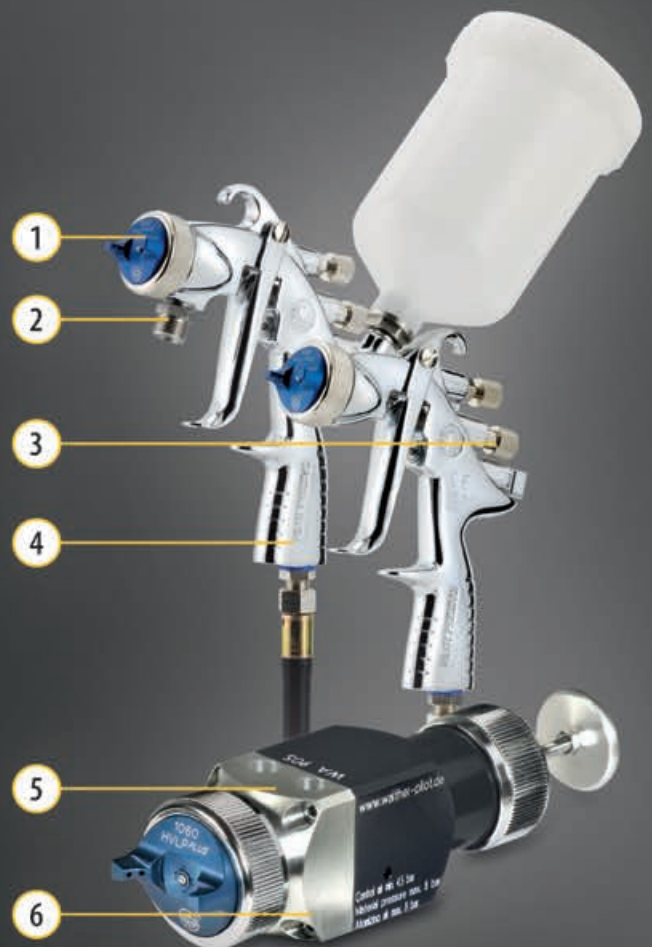
The guns stand out for their low weight, ergonomically designed body and robust construction.

5. Reliability

All parts that come into contact with the material are made of stainless steel. Water-based lacquers and aggressive media can be processed without any problems.

6. Options

With internal control (PILOT WA 700 and WA 900); without internal control (PILOT WA 705 and WA 905); with adapter plate (PILOT WA 900/905).



Overview of AirSpray manual and automatic guns

Wagner offers a comprehensive accessories range for AirSpray manual and automatic guns. Please choose the perfect solution for your requirements from the following table. Further information can be found in the product pages.

	PILOT Mini - flow cup	PILOT Trend - flow cup	PILOT Premium - flow cup
Gun body surface			
Chrome-plated			●
nickel plated		●	
Synthetic material	●		
PTFE coated			
Pressure range			
HP	●	●	●
HVLP plus			●
MP	●	●	
HVLP			●
Paint feeding			
Paint connection	●	●	●
Gravity feed cup	●	●	●
Product quantity gravity feed cup			
125 ml	●		
450 ml			
600 ml		●	●
Version gravity feed cup			
Stainless steel			
Aluminium / stainless steel		●	
Product conveyance			
With sieve insert	●		●
Standard		●	
Nozzles			
Nozzle sizes	0.3... 2.2 mm	0.5... 2.5 mm	0.3... 3.5 mm

- very suitable
- suitable to a limited extent

PILOT Mini

Medium pressure Airspray manual gun



Technical data

Material pressure	8 bar, 116 PSI
Air inlet connection	G1/4"
Operating temperature	43 °C, 109.4 °F
Weight	295 g, 0.65 lb

Included items

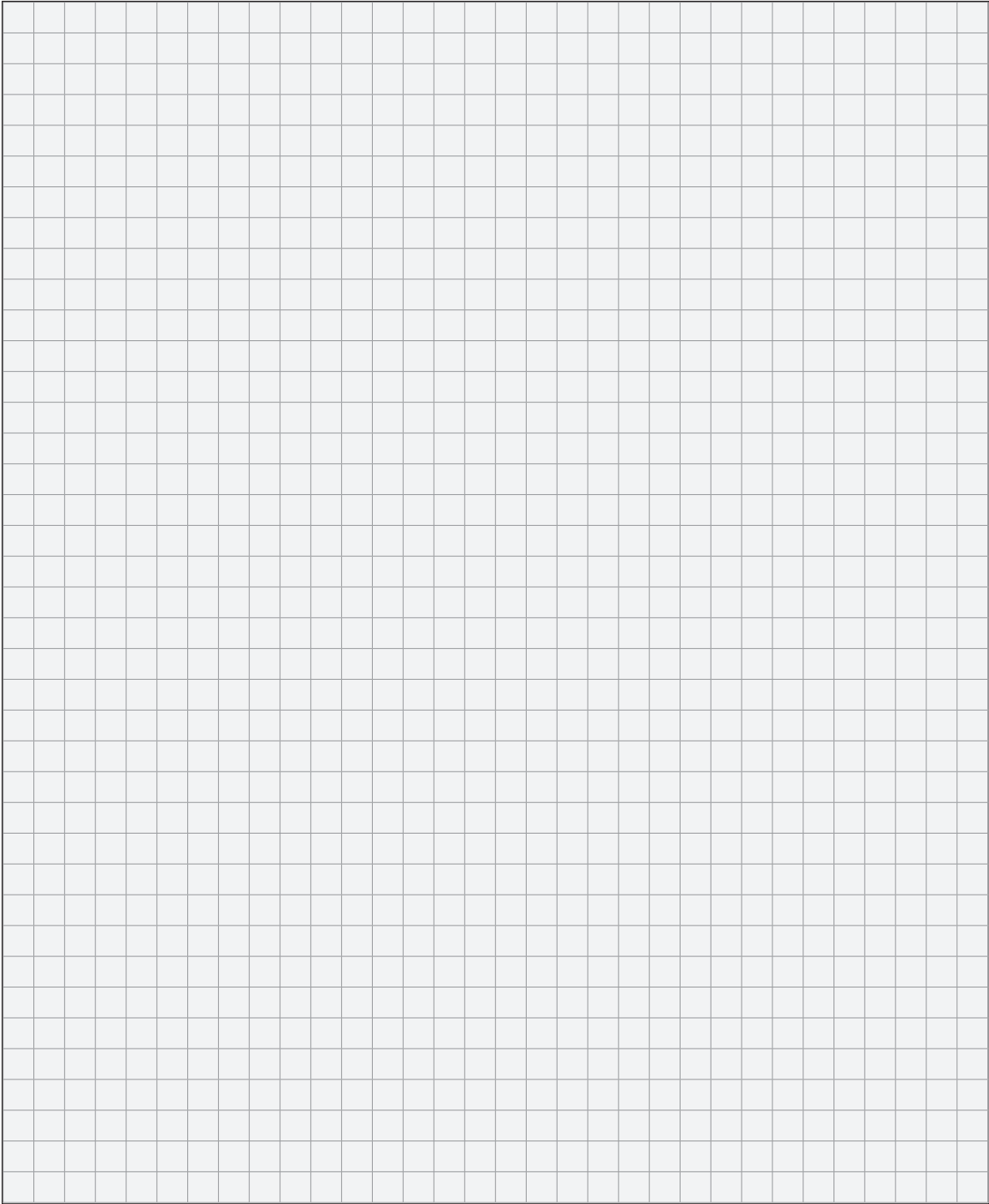
- PILOT Mini with nozzle insert upon choice
- User manual

Ordering information

- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

Product variants with gravity feed cup	Item no.	Price	PH 2
PILOT Mini MD gravity cup 0.5 mm	V1014102053		- ILW001
PILOT Mini MD gravity cup 0.3 mm	V1014102033		- ILW001
PILOT Mini MD gravity cup 0.8 mm	V1014102083		- ILW001
PILOT Mini MD gravity cup 1.0 mm	V1014102103		- ILW001
PILOT Mini MD gravity cup 1.2 mm	V1014102123		- ILW001
PILOT Mini MD gravity cup 1.5 mm	V1014102153		- ILW001
PILOT Mini MD gravity cup 1.8 mm	V1014102183		- ILW001
PILOT Mini MD gravity cup 2.0 mm	V1014102203		- ILW001
PILOT Mini MD gravity cup 2.2 mm	V1014102223		- ILW001

Product variants with paint connection	Item no.	Price	PH 2
PILOT Mini MD material connection 0.3 mm	V1014202033		- ILW001
PILOT Mini MD material connection 0.5 mm	V1014202053		- ILW001
PILOT Mini MD material connection 0.8 mm	V1014202083		- ILW001
PILOT Mini MD material connection 1.0 mm	V1014202103		- ILW001
PILOT Mini MD material connection 1.2 mm	V1014202123		- ILW001
Material connection 1,5 mm pilot mini	V1014202153		- ILW001
PILOT Mini MD material connection 1.8 mm	V1014202183		- ILW001
PILOT Mini MD material connection 2.0 mm	V1014202203		- ILW001
PILOT Mini MD material connection 2.2 mm	V1014202223		- ILW001



PILOT Trend

Airspray manual gun



Technical data	
Material pressure	8 bar, 116 PSI
Air inlet connection	G1/4"
Operating temperature	43 °C, 109.4 °F
Weight	438 g, 0.97 lb

Applying

AirSpray

Included items

- PILOT Trend with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun – medium-pressure spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

Product variants with conventional atomization and gravity feed cup	Item no.	Price	PH 2
PILOT Trend HD gravity cup 0.5 mm	V1060103053		- ILW001
PILOT Trend HD gravity cup 0.8 mm	V1060103083		- ILW001
PILOT Trend HD gravity cup 1.0 mm	V1060103103		- ILW001
PILOT Trend HD gravity cup 1.2 mm	V1060103123		- ILW001
PILOT Trend HD gravity cup 1.5 mm	V1060103153		- ILW001
Gun Pilot Trend-HD 1,8 mm FB	V1060103183		- ILW001
PILOT Trend HD gravity cup 2.0 mm	V1060103203		- ILW001
PILOT Trend HD gravity cup 2.5 mm	V1060103253		- ILW001

Product variants with conventional atomization and paint connection	Item no.	Price	PH 2
PILOT Trend HP paint connection 0.5 mm	V1060203053		- ILW001
PILOT Trend HP paint connection 0.8 mm	V1060203083		- ILW001
PILOT Trend HP paint connection 1.0 mm	V1060203103		- ILW001
PILOT Trend HP paint connection 1.2 mm	V1060203123		- ILW001
PILOT Trend HP paint connection 1.5 mm	V1060203153		- ILW001
PILOT Trend HP paint connection 1.8 mm	V1060203183		- ILW001
PILOT Trend HP paint connection 2.0 mm	V1060203203		- ILW001
PILOT Trend HP paint connection 2.5 mm	V1060203253		- ILW001

Product variants with medium pressure and gravity feed cup	Item no.	Price	PH 2
PILOT Trend MD gravity cup 0.5 mm	V1061104053		- ILW001
PILOT Trend MD gravity cup 0.8 mm	V1061104083		- ILW001
PILOT Trend MD gravity cup 1.0 mm	V1061104103		- ILW001
PILOT Trend MD gravity cup 1.2 mm	V1061104123		- ILW001
PILOT Trend MD gravity cup 1.5 mm	V1061104153		- ILW001
PILOT Trend MD gravity cup 1.8 mm	V1061104183		- ILW001
PILOT Trend MD gravity cup 2.0 mm	V1061104203		- ILW001
PILOT Trend MD gravity cup 2.5 mm	V1061104253		- ILW001

Product variants with medium pressure and paint connection	Item no.	Price	PH 2
PILOT Trend MP paint connection 0.5 mm	V1061304053		- ILW001
PILOT Trend MP paint connection 0.8 mm	V1061304083		- ILW001
PILOT Trend MP paint connection 1.0 mm	V1061304103		- ILW001
PILOT Trend MP paint connection 1.2 mm	V1061304123		- ILW001
PILOT Trend MP paint connection 1.5 mm	V1061304153		- ILW001
PILOT Trend MP paint connection 1.8 mm	V1061304183		- ILW001
PILOT Trend MD Farbanschluss 2,0 mm	V1061304203		- ILW001
PILOT Trend MP paint connection 2.5 mm	V1061304253		- ILW001

PILOT Premium

Airspray manual gun



Technical data	
Material pressure	8 bar, 116 PSI
Air inlet connection	G1/4"
Operating temperature	43 °C, 109.4 °F

Applying

AirSpray

Included items

- PILOT Premium with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun – HVLPlus spray gun – HVLP spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

Product variants with conventional atomization and gravity feed cup	Item no.	Price	PH 2
PILOT Premium HP gravity cup 0.5 mm	V1070103053		- ILW001
PILOT Premium HP gravity cup 0.8 mm	V1070103083		- ILW001
PILOT Premium HP gravity cup 1.0 mm	V1070103103		- ILW001
PILOT Premium HP gravity cup 1.2 mm	V1070103123		- ILW001
PILOT Premium HP gravity cup 1.5 mm	V1070103153		- ILW001
PILOT Premium HP gravity cup 1.8 mm	V1070103183		- ILW001
PILOT Premium HP gravity cup 2.0 mm	V1070103203		- ILW001
PILOT Premium HP gravity cup 2.2 mm	V1070103223		- ILW001
PILOT Premium HP gravity cup 2.5 mm	V1070103253		- ILW001
PILOT Premium HP gravity cup 0.3 mm	V1070103033		- ILW001

Product variants with conventional atomization and paint connection	Item no.	Price	PH 2
PILOT Premium HP paint connection 0.5 mm	V1070203053		- ILW001
PILOT Premium HP paint connection 0.8 mm	V1070203083		- ILW001
PILOT Premium HP paint connection 1.0 mm	V1070203103		- ILW001
PILOT Premium HP paint connection 1.2 mm	V1070203123		- ILW001
PILOT Premium HP paint connection 1.5 mm	V1070203153		- ILW001
PILOT Premium HP paint connection 1.8 mm	V1070203183		- ILW001
PILOT Premium HP paint connection 2.0 mm	V1070203203		- ILW001
PILOT Premium HP paint connection 2.2 mm	V1070203223		- ILW001
PILOT Premium HP paint connection 2.5 mm	V1070203253		- ILW001

Product versions with HVLP Plus and gravity feed cup	Item no.	Price	PH 2
PILOT Premium MP gravity cup 0.5 mm	V1070304053		- ILW001
PILOT Premium MP gravity cup 0.8 mm	V1070304083		- ILW001
PILOT Premium MP gravity cup 1.2 mm	V1070304123		- ILW001
PILOT Premium MP gravity cup 1.0 mm	V1070304103		- ILW001
PILOT Premium MP gravity cup 1.5 mm	V1070304153		- ILW001
PILOT Premium MP gravity cup 1.8 mm	V1070304183		- ILW001
PILOT Premium MP gravity cup 2.0 mm	V1070304203		- ILW001
PILOT Premium MP gravity cup 2.2 mm	V1070304223		- ILW001
PILOT Premium MP gravity cup 2.5 mm	V1070304253		- ILW001

Product variants with HVLP Plus and paint connection	Item no.	Price	PH 2
PILOT Premium MP paint connection 0.5 mm	V1070404053		- ILW001
PILOT Premium MP paint connection 0.8 mm	V1070404083		- ILW001
PILOT Premium MP paint connection 1.0 mm	V1070404103		- ILW001
PILOT Premium MP paint connection 1.2 mm	V1070404123		- ILW001
PILOT Premium MP paint connection 1.5 mm	V1070404153		- ILW001
PILOT Premium MP paint connection 1.8 mm	V1070404183		- ILW001
PILOT Premium MP paint connection 2.0 mm	V1070404203		- ILW001
PILOT Premium MP paint connection 2.2 mm	V1070404223		- ILW001
PILOT Premium MP paint connection 2.5 mm	V1070404253		- ILW001

Pilot WA 700

Airspray automatic gun with internal control



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/8"
Operating temperature	80 °C, 176.0 °F
Weight	729 g, 1.61 lb
Max. sound level	86 dB(A)
Control type	Internal control

Applying

AirSpray

Included items

- PILOT WA 700 with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun – HVLP Plus spray gun – HVLP spray gun
- Determine the required nozzle size

Product variants with conventional atomization	Item no.	Price	PH 2
PILOT WA 700 0.5 mm	V2070006053		- ILW001
PILOT WA 700 0.8 mm	V2070006083		- ILW001
PILOT WA 700 1.0 mm	V2070006103		- ILW001
PILOT WA 700 1.2 mm	V2070006123		- ILW001
PILOT WA 700 1.5 mm	V2070006153		- ILW001
PILOT WA 700 1.8 mm	V2070006183		-
PILOT WA 700 2.0 mm	V2070006203		-
PILOT WA 700 2.2 mm	V2070006223		-
PILOT WA 700 2.5 mm	V2070006253		-
PILOT WA 700 0.5 mm	V2070006033		-

Product variants with conventional atomization for recirculating systems	Item no.	Price	PH 2
WA710-U 0,5mm AK m.InnSt	V2071006053		-
WA710-U 0,8mm AK m.InnSt	V2071006083		-
WA710-U 1,0mm AK m.InnSt	V2071006103		- ILW001
WA710-U 1,2mm AK m.InnSt	V2071006123		- ILW001
WA710-U 1,5mm AK m.InnSt	V2071006153		-
WA710-U 1,8mm AK m.InnSt	V2071006183		-
WA710-U 2,0mm AK m.InnSt	V2071006203		-
WA710-U 2,2mm AK m.InnSt	V2071006223		-
WA710-U 2,5mm AK m.InnSt	V2071006253		-

Pilot WA 700

Airspray automatic gun with internal control



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/8"
Operating temperature	80 °C, 176.0 °F
Weight	729 g, 1.61 lb
Max. sound level	86 dB(A)
Control type	Internal control

Included items

- PILOT WA 700 with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun – HVLP Plus spray gun – HVLP spray gun
- Determine the required nozzle size

Product variants with HVLP Plus	Item no.	Price	PH 2
WA740-HVLP-Plus 0,3mm, m.InnSt	V2074004033		-
WA740-HVLP-Plus 0,5mm, m.InnSt	V2074004053		- ILW001
WA740-HVLP-Plus 0,8mm, m.InnSt	V2074004083		- ILW001
WA740-HVLP-Plus 1,0mm, m.InnSt	V2074004103		- ILW001
WA740-HVLP-Plus 1,2mm, m.InnSt	V2074004123		- ILW001
WA740-HVLP-Plus 1,5mm, m.InnSt	V2074004153		- ILW001
WA740-HVLP-Plus 1,8mm, m.InnSt	V2074004183		- ILW001
WA740-HVLP-Plus 2,0mm, m.InnSt	V2074004203		- ILW001
WA740-HVLP-Plus 2,2mm, m.InnSt	V2074004223		- ILW001
WA740-HVLP-Plus 2,5mm, m.InnSt	V2074004253		- ILW001
WA740-HVLP-Plus 3,5mm, m.InnSt	V2074004353		-

Product variants with HVLP Plus for recirculating system	Item no.	Price	PH 2
WA750-HVLP-Plus-U 0,5mm m.InnSt	V2075004053		-
WA750-HVLP-Plus-U 0,8mm m.InnSt	V2075004083		-
WA750-HVLP-Plus-U 1,0mm m.InnSt	V2075004103		- ILW001
WA750-HVLP-Plus-U 1,2mm m.InnSt	V2075004123		- ILW001
WA750-HVLP-Plus-U 1,5mm m.InnSt	V2075004153		-
WA750-HVLP-Plus-U 1,8mm m.InnSt	V2075004183		-
WA750-HVLP-Plus-U 2,0mm m.InnSt	V2075004203		-
WA750-HVLP-Plus-U 2,2mm m.InnSt	V2075004223		-
WA750-HVLP-Plus-U 2,5mm m.InnSt	V2075004253		-

Pilot WA 700

Airspray automatic gun with external control



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/8"
Operating temperature	80 °C, 176.0 °F
Weight	729 g, 1.61 lb
Max. sound level	86 dB(A)
Control type	Internal control

Applying

AirSpray

Included Items

- PILOT WA 700 with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun and HVLP Plus.
- Determine the required nozzle size.

Product variants with conventional atomization	Item no.	Price	PH 2
WA705 0,5mm AK o. InnSt	V2070506053		-
WA705 0,8mm AK o. InnSt	V2070506083		- ILW001
WA705 1,0mm AK o. InnSt	V2070506103		- ILW001
WA705 1,2mm AK o. InnSt	V2070506123		-
WA705 1,5mm AK o. InnSt	V2070506153		-
WA705 1,8mm AK o. InnSt	V2070506183		-
WA705 2,0mm AK o. InnSt	V2070506203		-
WA705 2,2mm AK o. InnSt	V2070506223		-
WA705 2,5mm AK o. InnSt	V2070506253		-
WA705 3,5mm AK o. InnSt	V2070506353		-

Product variants with conventional atomization for recirculating systems	Item no.	Price	PH 2
WA715-U 0,5mm, AK, o.InnSt	V2071506053		-
WA715-U 0,8mm, AK, o.InnSt	V2071506083		- ILW001
WA715-U 1,0mm, AK, o.InnSt	V2071506103		-
WA715-U 1,2mm, AK, o.InnSt	V2071506123		-
WA715-U 1,5mm, AK, o.InnSt	V2071506153		-
WA715-U 1,8mm, AK, o.InnSt	V2071506183		-
WA715-U 2,0mm, AK, o.InnSt	V2071506203		-
WA715-U 2,2mm, AK, o.InnSt	V2071506223		-
WA715-U 2,5mm, AK, o.InnSt	V2071506253		-

Pilot WA 700

Airspray automatic gun with external control



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/8"
Operating temperature	80 °C, 176.0 °F
Weight	729 g, 1.61 lb
Max. sound level	86 dB(A)
Control type	Internal control

Applying

AirSpray

Included Items

- PILOT WA 700 with nozzle insert upon choice
- User manual

Ordering information

- Choose between the following versions: conventional spray gun and HVLP Plus.
- Determine the required nozzle size.

Product variants with HVLP Plus	Item no.	Price	PH 2
WA745-HVLP-Plus 0,3mm o.InnSt	V2074504033		-
WA745-HVLP-Plus 0,5mm o.InnSt	V2074504053		-
WA745-HVLP-Plus 0,8mm o.InnSt	V2074504083		-
WA745-HVLP-Plus 1,0mm o.InnSt	V2074504103		- ILW001
WA745-HVLP-Plus 1,2mm o.InnSt	V2074504123		-
WA745-HVLP-Plus 1,5mm o.InnSt	V2074504153		- ILW001
WA745-HVLP-Plus 1,8mm o.InnSt	V2074504183		-
WA745-HVLP-Plus 2,0mm o.InnSt	V2074504203		-
WA745-HVLP-Plus 2,2mm o.InnSt	V2074504223		-
WA745-HVLP-Plus 2,5mm o.InnSt	V2074504253		-

Product variants with HVLP Plus for recirculating system	Item no.	Price	PH 2
WA755-HVLP-Plus-U 0,5mm o.InnSt	V2075504053		-
WA755-HVLP-Plus-U 0,8mm o.InnSt	V2075504083		-
WA755-HVLP-Plus-U 1,0mm o.InnSt	V2075504103		- ILW001
WA755-HVLP-Plus-U 1,2mm o.InnSt	V2075504123		-
WA755-HVLP-Plus-U 1,5mm o.InnSt	V2075504153		-
WA755-HVLP-Plus-U 1,8mm o.InnSt	V2075504183		-
WA755-HVLP-Plus-U 2,0mm o.InnSt	V2075504203		-
WA755-HVLP-Plus-U 2,2mm o.InnSt	V2075504223		-
WA755-HVLP-Plus-U 2,5mm o.InnSt	V2075504253		-

PILOT WA 900 internal control

Airspray automatic gun

For use with quick-change adapter plates.



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/4"
Operating temperature	80 °C, 176.0 °F
Weight	680 g, 1.50 lb
Max. sound level	86 dB(A)
Control type	Internal control

Applying

AirSpray

Included Items

- PILOT WA900/WA905 with nozzle insert
- Operating manual

Ordering information

- We offer you the choice between conventional atomization and HVLP Plus.
- Determine the required nozzle size.
- Please select the required adapter plate (not included in the scope of delivery)

Product variants with conventional atomization	Item no.	Price	PH 2
WA900 0,3mm AK m.InnSt o.ADPL	V2190006033		- ILW001
WA900 0,5mm AK m.InnSt, o.ADPL	V2190006053		- ILW001
WA900 0,8mm AK m.InnSt, o.ADPL	V2190006083		- ILW001
WA900 1,0mm AK m.InnSt, o.ADPL	V2190006103		- ILW001
WA900 1,2mm AK m.InnSt, o.ADPL	V2190006123		- ILW001
WA900 1,5mm AK m.InnSt, o.ADPL	V2190006153		- ILW001
WA900 1,8mm AK m.InnSt, o.ADPL	V2190006183		- ILW001
WA900 2,0mm AK m.InnSt, o.ADPL	V2190006203		- ILW001
WA900 2,2mm AK m.InnSt, o.ADPL	V2190006223		- ILW001
WA900 2,5mm AK m.InnSt.o.ADPL	V2190006253		- ILW001
WA900 3,0mm AK m.InnSt, o.ADPL	V2190006303		- ILW001
WA900 3,5mm AK m.InnSt, o.ADPL	V2190006353		- ILW001

Product variants with HVLP Plus	Item no.	Price	PH 2
WA940-HVLP-Plus 0,3mm, m.InnSt., o.ADPL	V2194004033		- ILW001
WA940-HVLP-Plus 0,5mm, m.InnSt., o.ADPL	V2194004053		- ILW001
WA940-HVLP-Plus 0,8mm, m.InnSt., o.ADPL	V2194004083		- ILW001
WA940-HVLP-Plus 1,0mm, m.InnSt., o.ADPL	V2194004103		- ILW001
WA940-HVLP-Plus 1,2mm, m.InnSt., o.ADPL	V2194004123		- ILW001
WA940-HVLP-Plus 1,5mm, m.InnSt., o.ADPL	V2194004153		- ILW001
WA940-HVLP-Plus 1,8mm, m.InnSt., o.ADPL	V2194004183		- ILW001
WA940-HVLP-Plus 2,0mm, m.InnSt., o.ADPL	V2194004203		- ILW001
WA940-HVLP-Plus 2,2mm, m.InnSt., o.ADPL	V2194004223		- ILW001
WA940-HVLP-Plus 2,5mm, m.InnSt., o.ADPL	V2194004253		- ILW001
WA940-HVLP-Plus 3,0mm, m.InnSt., o.ADPL	V2194004303		- ILW001
WA940-HVLP-Plus 3,5mm, m.InnSt., o.ADPL	V2194004353		- ILW001

Product versions adapter plate	Item no.	Price	PH 2
adapter plate big, complete WA 900	V2190003000		- ILW002
adapter plate big, compl. circul. WA 900	V2190003UML		- ILW002
adapter plate small, complete WA 900	V2190004000		- ILW002
adapter plate small, compl. circul. WA900	V2190004UML		- ILW002

PILOT WA 905 external control

Airspray automatic gun

For use with quick-change adapter plates.



Technical data	
Material pressure	8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/4"
Operating temperature	80 °C, 176.0 °F
Weight	660 g, 1.46 lb
Max. sound level	86 dB(A)
Control type	External control

Applying

Airspray

Included Items

- PILOT WA900/WA905 with nozzle insert
- Operating manual

Ordering information

- Choose between the following versions: conventional spray gun – HVLP Plus spray gun – HVLP spray gun
- Determine the required nozzle size.
- Please select the required adapter plate (not included in the scope of delivery)
- It is recommended to have a second gun without adapter plate available.

Product variants with conventional atomization	Item no.	Price	PH 2
WA905 0,3mm AK o.lnnSt, o.ADPL	V2190506033		- ILW001
WA905 0,5mm AK o.lnnSt, o.ADPL	V2190506053		- ILW001
WA905 0,8mm AK o.lnnSt, o.ADPL	V2190506083		- ILW001
WA905 1,0mm AK o.lnnSt, o.ADPL	V2190506103		- ILW001
WA905 1,2mm AK o.lnnSt, o.ADPL	V2190506123		- ILW001
WA905 1,5mm AK o.lnnSt, o.ADPL	V2190506153		- ILW001
WA905 1,8mm AK o.lnnSt, o.ADPL	V2190506183		- ILW001
WA905 2,0mm AK o.lnnSt, o.ADPL	V2190506203		- ILW001
WA905 2,2mm AK o.lnnSt, o.ADPL	V2190506223		- ILW001
WA905 2,5mm AK o.lnnSt, o.ADPL	V2190506253		- ILW001
WA905 3,0mm AK o.lnnSt, o.ADPL	V2190506303		- ILW001
WA905 3,5mm AK o.lnnSt, o.ADPL	V2190506353		- ILW001

Product variants with HVLP Plus	Item no.	Price	PH 2
WA945-HVLP-PLUS 0,3mm AK o.InnSt.,o.ADPL	V2194504033		- ILW001
WA945-HVLP-PLUS 0,5mm AK o.InnSt.,o.ADPL	V2194504053		- ILW001
WA945-HVLP-PLUS 0,8mm AK o.InnSt.,o.ADPL	V2194504083		- ILW001
WA945-HVLP-PLUS 1,0mm AK o.InnSt.,o.ADPL	V2194504103		- ILW001
WA945-HVLP-PLUS 1,2mm AK o.InnSt.,o.ADPL	V2194504123		- ILW001
WA945-HVLP-PLUS 1,5mm AK o.InnSt.,o.ADPL	V2194504153		- ILW001
WA945-HVLP-PLUS 1,8mm AK o.InnSt.,o.ADPL	V2194504183		- ILW001
WA945-HVLP-PLUS 2,0mm AK o.InnSt.,o.ADPL	V2194504203		- ILW001
WA945-HVLP-PLUS 2,2mm AK o.InnSt.,o.ADPL	V2194504223		- ILW001
WA945-HVLP-PLUS 2,5mm AK o.InnSt.,o.ADPL	V2194504253		- ILW001
WA945-HVLP-PLUS 3,0mm AK o.InnSt.,o.ADPL	V2194504303		- ILW001
WA945-HVLP-PLUS 3,5mm AK o.InnSt.,o.ADPL	V2194504353		- ILW001

Product versions adapter plate	Item no.	Price	PH 2
adapter plate big, complete WA 900	V2190003000		- ILW002
adapter plate big, compl. circul. WA 900	V2190003UML		- ILW002
adapter plate small, complete WA 900	V2190004000		- ILW002
adapter plate small, compl. circul. WA900	V2190004UML		- ILW002

AirCoat manual and automatic guns

WAGNER AirCoat combines Airless and air atomizing spraying technologies. It not only delivers an excellent coating quality using significantly less spray pressure than Airless and significantly less overspray than the AirSpray procedure, but is also a lot faster. WAGNER AirCoat manual and automatic guns offer not only ease of use, ergonomics, and low maintenance, but also precision, and a long service life.

1. Best atomization

The AirCoat atomization provides a softer and smoother spray pattern. Thanks to the new air cap design, the material pressure is reduced and the spray pattern becomes more homogenous.

2. Optimal ergonomics

With two different gun sizes that accommodate different users and low trigger and holding forces, these guns are notable for their fatigue-free handling.

3. WAGNER Cage filter

Newly developed gun filter. Compact and with high filter capacity. Installation with no risk of confusion. Thanks to the special filter design a significantly higher service life and a significantly easier filter change without tools is achieved.

4. High application efficiency

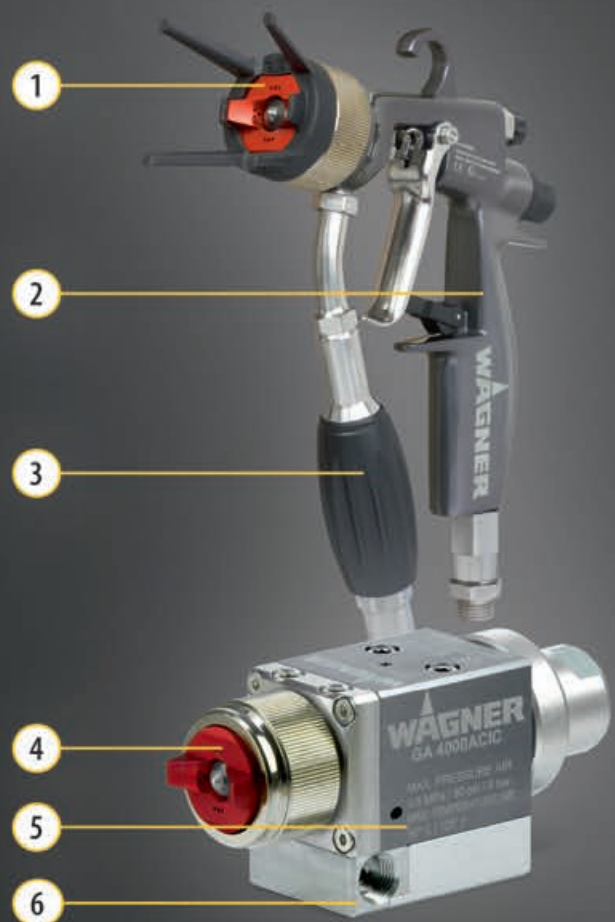
The fine and soft atomization combined with a homogenous particle size ensure a high application efficiency.

5. Light and compact

The GA 4000AC is the smallest and lightest automatic AirCoat gun of its class. This allows for more flexibility during installation and the lowest possible accelerated mass with quick movement sequences. Crucial in modern process automation.

6. Fixed settings

The WAGNER base plate system maintains all settings and the exact position during nozzle and gun changes. This allows reproducible coating results. Various base plates and adapters allow the integration into all current coating systems.



GM 4100AC

AirCoat manual gun

Light AirCoat manual gun with excellent ergonomics for smaller hands. With various nozzles and air caps for low-viscosity and highest-viscosity products.



Technical data	
Fluid inlet	A – NPSM 1/4"
Compressed air connection	A – G 1/4"
Max. material pressure	250,0 bar, 3626 PSI
Max. material temperature	55 °C, 131.0 °F
Max. air inlet pressure	8,0 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,6 kg, 1.3 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	206 mm, 8.1 in

Processable materials

- Stains
- Textured paints
- Clear coats
- Solvent and water based materials
- 2K materials
- High solids
- UV paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- POM
- PTFE
- FPM
- PA

Included items

- GM 4100AC
- without nozzle
- Edge filter 100 mesh
- Return spring for 160/250 bar
- CE Declaration of Conformity
- Operating manual

Ordering information

- Selectable with or without air cap.
- Please always order the nozzle separately.

Product variants	Item no.	Price	PH 2
GM 4100AC 25MPa NPSM1/4"	394012		- ILAC
GM 4100AC - 25MPa LV red	2302513		- ILAC
GM 4100AC 25MPa HV blue	2302514		- ILAC

Service sets	Item no.	Price	PH 2
Service kit GM4100AC	394940		- ILET

GM 4700AC

AirCoat manual gun

Light AirCoat manual gun with excellent ergonomics for larger hands. With various nozzles and air caps for materials with low-viscosity and highest-viscosity.



Technical data	
Fluid inlet	A – NPSM 1/4"
Compressed air connection	A – G 1/4"
Max. material pressure	250,0 bar, 3626 PSI
Max. material temperature	55 °C, 131.0 °F
Max. air inlet pressure	8,0 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,6 kg, 1.3 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	216 mm, 8.5 in

Applying

AirCoat

Processable materials

- Stains
- Textured paints
- Clear coats
- Solvent and water based materials
- 2K materials
- High solids
- UV paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- POM
- PTFE
- FPM
- PA

Included items

- GM 4700AC
- CE Declaration of Conformity
- Operating manual
- Cagefilter 100 meshes
- Swivel joint (paint)
- Return spring 160/250 bar

Ordering information

- Selectable with or without air cap.
- Please always order the nozzle separately.

Product variants	Item no.	Price	PH 2
GM 4700AC 25MPa NPSM1/4"	2313585		- ILAC
GM 4700AC 25MPa-LV plus	2313586		- ILAC
GM 4700AC 25MPa-HV plus	2313587		- ILAC
GM 4700AC 25MPa-LA plus	2313588		- ILAC

Service sets	Item no.	Price	PH 2
Service kit GM 4600AC/ GM 4700AC	394941		- ILET

GM 4700AC-H

AirCoat manual gun

Light AirCoat manual guns with insulation for processing heated materials.



Technical data	
Fluid inlet	A – NPSM 1/4"
Compressed air connection	A – G 1/4"
Max. material pressure	250,0 bar, 3626 PSI
Max. material temperature	55 °C, 131.0 °F
Max. air inlet pressure	8,0 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,6 kg, 1.3 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	216 mm, 8.5 in

Processable materials

- Stains
- Textured paints
- Clear coats
- Solvent and water based materials
- 2K materials
- High solids
- UV paints

Material wetted parts

- Tungsten carbide
- Stainless steel
- POM
- PTFE
- FPM
- PA

Included items

- GM 4700AC-H
- CE Declaration of Conformity
- Operating manual
- Cagefilter 100 meshes

Ordering information

- Selectable with or without air cap.
- Please always order the nozzle separately.

Product variants	Item no.	Price	PH 2
GM 4700AC-H 25MPa NPSM1/4"	2314545		- ILAC

GA 4000ACIC

AirCoat automatic gun

AirCoat automatic guns with internal controller for the installation in automated lacquer spraying systems. Various base plates allow numerous installation options. With or without circulation.



Technical data

Fluid inlet	1 – G 1/4"
Compressed air connection	8 mm
Max. material pressure	250,0 bar, 3626 PSI
Max. material temperature	80 °C, 176.0 °F
Max. air inlet pressure	8,0 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Weight	0,7 kg, 1,5 lb
Max. sound level	82 dB(A)
Length	129,0 mm, 5.1 in
Width	47 mm, 1.9 in
Height	60 mm, 2.4 in

Applying

AirCoat

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents

Material wetted parts

- Stainless steel
- Tungsten carbide
- UHMW-PE
- PTFE
- POM
- PA
- EPDM

Included items

- GA 4000AC
- User manual
- CE Declaration

Ordering information

- Please order air cap, nozzle and base plate separately.
- Take material and air connections into account.
- Diverse selection of accessories for assembly and system integration.
- Variant (RP) with package insert for opening.

Product variants	Item no.	Price	PH 2
Gun GA 4000ACIC	2312132		- ILAC
Gun GA 4000ACIC (RP)	2338603		- ILAC
Packing insert GA 4000AC (RP)	2338601		- ILZU
Base plate GA 4000ACIC side con.	2312144		- ILAC
Base plate GA 4000ACIC-R	2308810		- ILAC

GA 4000ACEC

AirCoat automatic gun



AirCoat automatic guns with external controller for the installation in automated lacquer spraying systems. Various base plates allow numerous installation options. With or without circulation.



Technical data

Fluid inlet	1 – G 1/4"
Compressed air connection	8 mm
Max. material pressure	250,0 bar, 3626 PSI
Max. material temperature	80 °C, 176.0 °F
Max. air inlet pressure	8,0 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Ambient temperature	5 – 40 °C, 41 – 104 °F
Weight	0,6 kg, 1.4 lb
Max. sound level	82 dB(A)
Length	115,0 mm, 4.5 in
Width	47 mm, 1.9 in
Height	60 mm, 2.4 in

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents

Material wetted parts

- Stainless steel
- Tungsten carbide
- UHMW-PE
- PTFE
- POM
- PA
- EPDM

Included items

- GA 4000AC
- User manual
- CE Declaration

Ordering information

- Please order air cap, nozzle and base plate separately.
- Take material and air connections into account.
- Diverse selection of accessories for assembly and system integration.
- Variant (RP) with package insert for opening.

Product variants	Item no.	Price	PH 2
Gun GA 4000ACEC	2312145		- ILAC
Gun GA 4000ACEC (RP)	2338602		- ILAC
Base plate GA 4000ACEC side con.	2312146		- ILAC
Base plate GA 4000ACEC-R	2308812		- ILAC
Base plate GA 4000ACEC-Fanuc Robot	2313677		- ILAC

AirCoat manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

GM 4100AC	GM 4700AC	GM 4700AC-H	GA 4000ACIC	GA 4000ACEC
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Air cap manual guns							
Air cap HV plus (blue / GM 4x00AC)	●	●	●			2313497	- ILZU
Air cap LV plus (red / GM 4x00AC)	●	●	●			2313494	- ILZU
Air cap LA plus (bronze / GM 4x00AC)	●	●	●			2313498	- ILZU
Air cap automatic guns							
Air cap HV plus (blue / GA 4000AC)				●	●	2308809	- ILZU
Air cap LV plus (red / GA 4000AC)				●	●	2308808	- ILZU
Air cap LA plus (bronze / GA 4000AC)				●	●	2313493	- ILZU
Nozzles - flat jet							
ACF 3000 (see nozzle chart)	●	●	●	●	●	379xxx	- ILTIP
ACF 3000 plus (see nozzle chart)	●	●	●	●	●	321xxx	- ILTIP
Round spray nozzle holder							
ROUND JET NOZZLE ADAPTER	●	●	●	●	●	394180	- ILZU
Nozzle - round jet							
Nozzle insert R11	●	●	●	●	●	132720	- ILTIP
Nozzle insert R12	●	●	●	●	●	132721	- ILTIP
Nozzle insert R13	●	●	●	●	●	132722	- ILTIP
Nozzle insert R14	●	●	●	●	●	132723	- ILTIP
Nozzle insert R15	●	●	●	●	●	132724	- ILTIP
Nozzle insert R16	●	●	●	●	●	132725	- ILTIP
Nozzle insert R17	●	●	●	●	●	132726	- ILTIP
Nozzle insert R18	●	●	●	●	●	132727	- ILTIP
Nozzle insert R19	●	●	●	●	●	132728	- ILTIP
Nozzle insert R20	●	●	●	●	●	132729	- ILTIP
Nozzle insert R21	●	●	●	●	●	132730	- ILTIP
Nozzle insert R22	●	●	●	●	●	132731	- ILTIP
Filters							
Edge filter 60 mesh	●					3204604	- ILZU
Edge filter 100 mesh	●					3204605	- ILZU
Edge filter 200 mesh	●					9999002	- ILZU
Cage Filter -200M-red-10pcs.		●	●			2315723	- ILZU
Cage Filter -150M-blue -10pcs.		●	●			2315724	- ILZU
Cage Filter -100M-yellow -10pcs.		●	●			2315725	- ILZU
Cage Filter -50M-white-10pcs.		●	●			2315726	- ILZU

AirCoat manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	GM 4100AC	GM 4700AC	GM 4700AC-H	GA 4000ACIC	GA 4000ACEC			
Material connection								
Fitting-EF-MM-R1/4-1/4NPSM-530bar-SSt				●	●	2314065	-	ILZP
Fitting-DF-MM-G1/4-1/4NPSM-530bar-SSt				●	●	350550	-	ILZP
AirCoat hose pack								
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	●	●	●			2309706	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	●	●	●			2309634	-	ILZU
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	●	●	●			2309635	-	ILZU
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	●	●	●			2309705	-	ILZU
AirCoat hose pack								
AC-hose-DN4-PN270-1/4"NPS-10,0m-PA-T	●	●	●			2312801	-	ILZU
Lock pin circulation								
Lock pin assy.				●	●	2310534	-	ILZU
Lock pin FKM assy.				●	●	2314064	-	ILZU
Swivel								
Fitting-SJM-GM4100AC-1/4"NPS	●					394926	-	ILZP
SJA-MF-G1/4"-G1/4"-PN15-brass	●					364938	-	ILET
Swivel joint kit-GM4100AC	●					394931	-	ILZP
Mounting accessories								
Holder standard 180				●	●	380941	-	ILZU
Holder turnable				●	●	380942	-	ILZU
Part-turn valve actuator assy.				●	●	380943	-	ILZU
Adapter plate Cefla				●	●	2314079	-	ILZU
Robot adapter Fanuc to ABB					●	383980	-	ILZU
Robot adapter Fanuc to B&M					●	383981	-	ILZU
Robot adapter Fanuc to ABB IRB 1400					●	383982	-	ILZU
Robot adapter Fanuc to ABB D93					●	383985	-	ILZU
Nozzle extensions								
Nozzle extension AC 300	●	●	●	●	●	394090	-	ILZU
Nozzle extension AC 600	●	●	●	●	●	394091	-	ILZU
Gun flush box								
GFB for GM 4100 AC	●					2308814	-	ILSC
GFB for GM 4600/4700 AC		●	●			377174	-	ILSC
Sealing sets								
Sealing-set GA 4000ACIC(EPDM)				●		2322532	-	ILET
Sealing-set GA 4000ACEC (EPDM)					●	2322533	-	ILET

AirCoat manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

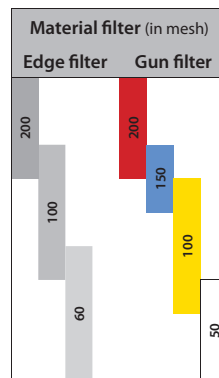
Nozzle Chart | ACF 3000

Part-No. 379xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 379411



Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09		209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823



Bore inch (mm)	Material flow* l/min (gal/min)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.79 (0.473)

55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
Average spray width mm (inch)**						

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

AirCoat manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | ACF 3000 plus

Part-No. 321xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 410 nozzle use the part no.: 321410



Size	Spray angle				
	20°	30°	40°	50°	60°
08	208	308	408	508	
10	210	310	410	510	610
12	212	312	412	512	612
14	214	314	414	514	614
16	216	316	416	516	616
18	218	318	418	518	618
20		320	420		620
22			422		622

100	145	195	250	300
(3,94)	(5,71)	(7,68)	(9,84)	(11,81)

Average spray width mm (inch)**

Material filter (in mesh)	
Edge filter	Gun filter
200	200
100	150
80	100

Bore	Material flow*
inch (mm)	l/min (gal/min)
0,008 (0,20)	0,22 (0,058)
0,010 (0,25)	0,32 (0,084)
0,012 (0,30)	0,44 (0,116)
0,014 (0,36)	0,60 (0,159)
0,016 (0,41)	0,76 (0,201)
0,018 (0,46)	0,92 (0,244)
0,020 (0,51)	0,11 (0,030)
0,022 (0,56)	0,14 (0,036)

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

Airless manual and automatic guns

WAGNER Airless guns excel in daily use thanks to their extreme robustness and their very efficient atomization quality for pressures up to 530 bar. The product spectrum extends from finishing manual guns to extremely robust corrosion protection guns and various automatic guns.

1. High Flexibility

The Airless guns are available as 270 bar and 530 bar versions. Three different nozzle types can be used for a wide range of applications.

2. Excellent flow characteristics

The return spring is located in the paint space. This ensures an unhindered material flow in the gun and excellent maintainability.

3. Perfect Handling

The integrated swivel joint and low trigger and holding forces make for fatigue-free handling.

4. Diverse processing options

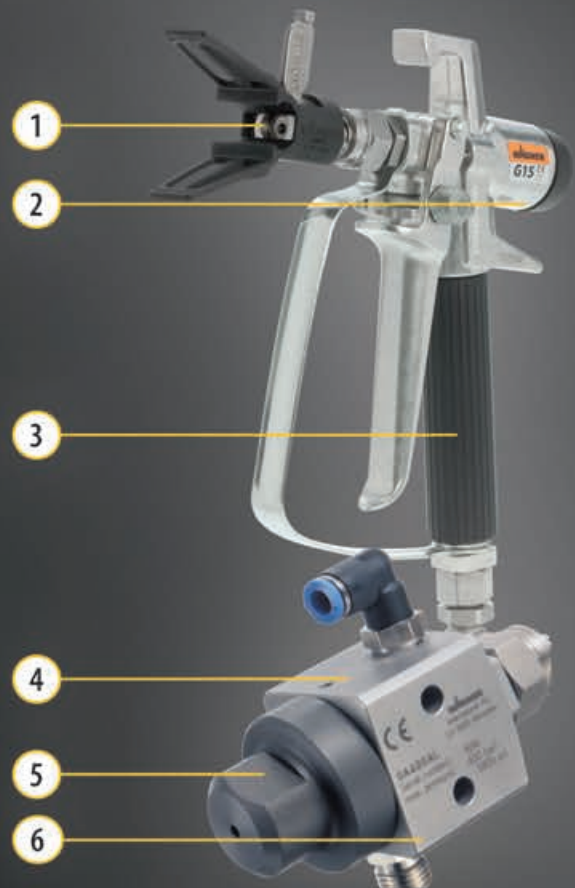
Using WAGNER Airless guns allows for high-viscosity and abrasive products to be sprayed just as easily as any other standard water or solvent-based product.

5. Process reliability

The high switching accuracy of the gun produces reproducible coating results every time and achieves excellent process reliability.

6. Long service life

All parts that come into contact with the material are made of stainless steel, ensuring a long service life and superior corrosion resistance.



AG 14

Airless manual gun

Airless manual gun for up to 270 bar for Airless finishing applications. With filter and swivel joint. Various nozzle attachments.



Technical data	
Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	270 bar, 3916 PSI
Fluid inlet	A – NPS 1/4"
Max. material temperature	43 °C, 109.4 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	590 g, 1.30 lb
Max. sound level	81 dB(A)
Length	125,0 mm, 4.9 in
Height	225 mm, 8.9 in

Processable materials

- Filler
- Corrosion protection
- Latex paints
- Mica paints
- Zinc dust colors
- Large surface coating

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- Nylon
- Urethane

Included items

- AG 14
- Operating manual
- CE Declaration of Conformity
- Material filter, red (200 ml)
- Nozzle holder

Ordering information

- Please order the desired nozzle which matches the nozzle holder.

Product variants	Item no.	Price	PH 2
Gun AG-14 for WagnerTip, NPS1/4"	257015		- ILAL
Gun AG-14 for StandardTip, NPS1/4"	257017		- ILAL
Gun AG-14 for ProfiTip NPS1/4"	2305433		- ILAL

G 15

Airless manual gun

Airless manual gun for heavy corrosion protection up to 530 bar with filter and swivel joint. Various nozzle attachments.



Technical data	
Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	530 bar, 7687 PSI
Fluid inlet	A – NPS 1/4"
Max. material temperature	43 °C, 109.4 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

Applying

Airless

Processable materials

- Corrosion protection
- Fire retardant paints
- Zinc dust paints
- Water-based primer
- Solvent-based primer

Material wetted parts

- Stainless steel
- Aluminum
- PTFE
- Tungsten carbide

Included items

- G 15
- Operating manual
- CE Declaration of Conformity
- Filter, red (200 ml)

Product variants	Item no.	Price	PH 2
Airless gun G-15 for standard tip	347001		- ILAL
Airless gun G-15 for Wagner Tip	347011		- ILAL
Airless gun G-15 for Profi Tip HD	347012		- ILAL

G 15H

Airless manual gun

Airless manual gun for heavy corrosion protection. For heated material with insulated material connection.



Technical data

Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	530 bar, 7687 PSI
Fluid inlet	A – NPS 1/4"
Max. material temperature	80 °C, 176.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	820 g, 1.81 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

Processable materials

- Corrosion protection
- Fire retardant paints
- Zinc dust paints
- Water-based primer
- Solvent-based primer

Material wetted parts

- Stainless steel
- Aluminum
- PTFE
- Tungsten carbide

Included items

- G 15H
- User manual
- CE declaration of conformity

Product variants	Item no.	Price	PH 2
Airless gun G-15H for standard tip	347021		- ILAL

GA 250AL

Airless automatic gun

Airless automatic gun for product pressures up to 250 bar.



Technical data	
Max. material pressure	250 bar, 3626 PSI
Fluid inlet	A – G 1/4"
Max. material temperature	60 °C, 140.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	545 g, 1.20 lb
Max. sound level	84 dB(A)
Length	104,0 mm, 4.1 in
Width	40 mm, 1.6 in
Height	40 mm, 1.6 in

Applying

Airless

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents
- Oils

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- PA
- Urethane

Included items

- GA 250AL
- CE declaration of conformity
- User manual

Product variants	Item no.	Price	PH 2
Spray gun GA250 AL	350033		- ILGR

GA 400AL

Airless automatic gun

Airless automatic gun for product pressures of up to 400 bar.



Technical data	
Max. material pressure	400 bar, 5802 PSI
Fluid inlet	A – G¼" 2x
Max. material temperature	60 °C, 140.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	545 g, 1.20 lb
Max. sound level	84 dB(A)
Length	104,0 mm, 4.1 in
Width	40 mm, 1.6 in
Height	40 mm, 1.6 in

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents
- Oils

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- PA
- Urethane

Included items

- GA 400AL
- CE declaration of conformity
- User manual

Product variants	Item no.	Price	PH 2
Spray gun GA400 AL	350032		- ILGR

Airless manual and automatic gun accessories

Wagner offers a comprehensive accessories range for Airless manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

AG 14	G 15	G 15H	GA 250AL	GA 400AL
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Nozzle holder							
Contact guard assy.	●	●	●	●	●	335209	- ILZU
Wagner Tip „F“ retainer	●	●	●	●	●	1088001	- ILTIP
Wagner Profi Tip „F“ reversing switch	●					1006001	- ILET
Wagner Profi Tip HP „F“ reversing switch	●	●	●	●	●	1006003	- ILZU
Nozzles - flat jet							
Standard Nozzle (see nozzle chart)	●	●	●	●	●	90xxx	- ILTIP
Wagner Tip (see nozzle chart)	●	●	●	●	●	1088xxx	- ILTIP
Wagner Profi Tip HP (see nozzle chart)	●	●	●	●	●	1006xxx	- ILTIP
Standard Nozzle plus (see nozzle chart)	●	●	●	●	●	323xxx	- ILAL
Nozzles - adjustable							
Adjustable fan tip 20	●					999053	- DPZU
Adjustable fan tip 28	●					999054	- DPZU
Adjustable fan tip 41	●					999055	- DPZU
Adjustable fan tip 49	●					999056	- DPZU
Adjustable fan tip 15	●					999057	- DPZU
Airless product hose							
HP-Hose-DN4-PN270-¼"NPS-7,5m-PA	●					9984573	- DPZU
Airless material hose							
HP-Hose-DN3-PN270-¼"NPS-7,5m-PA	●					9984583	- DPZU
HP-hose-DN4-PN270-1/4"NPSM-10m-PA	●					9984573-10	- ILZU
HP-Hose-DN4-PN270-¼"NPS-15,0m-PA	●					9984573-15	- DPZU
HP-Hose-DN4-PN270-¼"NPS-20,0m-PA	●					9984573-20	- DPZU
HP-Hose-DN6-PN530-¼"NPS-10,0m-PA		●	●			9984421	- ILZU
HP-Hose-DN6-PN530-¼"NPS-1,5m-PA		●	●			9987117	- ILZU
HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA		●	●			9987118	- ILZU
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt		●	●			367561	- DPZU
Filters							
Insert filter white	●	●	●			34377	- DPZU
Insert filter red 180	●	●	●			34383	- DPZU
Insert filter yellow	●	●	●			43235	- DPZU
Insert filter green-30	●	●	●			89323	- DPZU
Inline filter insert red-180-10pcs	●	●	●			97022	- DPZU
Inline filter insert yellow-100-10pcs	●	●	●			97023	- DPZU
Inline filter insert white-50-10pcs	●	●	●			97024	- DPZU
Inline filter insert green-30-10pcs	●	●	●			97025	- DPZU

Airless manual and automatic gun accessories

Wagner offers a comprehensive accessories range for Airless manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

AG 14	G 15	G 15H	GA 250AL	GA 400AL
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Nozzle extensions							
Tip ext. assy. 15cm	●					999320	- DPZU
Tip ext. assy.30cm	●					999321	- DPZU
Tip ext. assy. 45cm	●					999322	- DPZU
Tip ext. assy. 60cm	●					999323	- DPZU
Tip extension assy. 1m	●					96015	- DPZU
Tip extension assy. 2m	●					96016	- DPZU
Tip extension assy.3m	●					96017	- DPZU
Mounting accessories							
Holder D14 GA250AL, GA400AL				●	●	350480	- ILET
Holding device D16 GA250AL, GA400AL				●	●	350497	- ILET
Holder turnable				●	●	380942	- ILZU
Part-turn valve actuator assy.				●	●	380943	- ILZU
Gun flush box							
GFB for AG14	●					377167	- ILSC
GFB for AG09, G08, G12, G15		●	●			377165	- ILSC

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Standard Tip

Part-No. 90xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 90411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407	507			
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
39								839
43		243			543			
52					552			

Material filter (in mesh)	Bore	Material flow*
	inch (mm)	l/min (gal/min)
200	0.007 (0.18)	0.23 (0.061)
	0.009 (0.23)	0.26 (0.069)
	0.011 (0.28)	0.38 (0.100)
	0.013 (0.33)	0.55 (0.145)
100	0.015 (0.38)	0.75 (0.198)
	0.017 (0.43)	0.96 (0.254)
	0.019 (0.48)	1.20 (0.317)
05	0.021 (0.53)	1.45 (0.383)
	0.023 (0.58)	1.62 (0.428)
	0.025 (0.64)	1.92 (0.507)
	0.027 (0.69)	2.25 (0.594)
	0.029 (0.75)	2.57 (0.679)
	0.031 (0.79)	2.95 (0.779)
	0.033 (0.83)	3.35 (0.885)
	0.035 (0.90)	3.80 (1.004)
	0.039 (0.99)	4.31 (1.139)
	0.043 (1.10)	5.89 (1.556)
	0.052 (1.30)	6.14 (1.622)

51	104	152	203	254	305	356	406
(2.0)	(4.0)	(6.0)	(8.0)	(10.0)	(12.0)	(14.0)	(16.0)
Average spray width (inch)**							

* Measured with water at 100 bar
 ** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s
 *** Average spray width may vary

Applying

Airless

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

- Are compatible to each other

Nozzle Chart | Standard Tip *plus*

Part-No. 323xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 410 nozzle use the part no.: 323410



Size	Spray angle				
	20°	30°	40°	50°	60°
10	210	310	410	510	
12	212	312	412		612
14	214	314	414	514	614
16	216	316	416	516	616
18		318	418	518	618
20		320	420		620
22			422		622
24			424		624

104	152	203	254	305
(4,00)	(6,00)	(8,00)	(10,00)	(12,00)

Average spray width (inch)**

Material filter (in mesh)
200
100
50

Bore	Material flow*
inch (mm)	l/min (gal/min)
0,001 (0,25)	0,28 (0,074)
0,012 (0,30)	0,39 (0,104)
0,014 (0,36)	0,55 (0,145)
0,016 (0,41)	0,69 (0,183)
0,018 (0,46)	0,87 (0,230)
0,020 (0,51)	0,11 (0,028)
0,022 (0,56)	0,13 (0,034)
0,024 (0,61)	0,15 (0,040)

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

*** Average spray width may vary

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

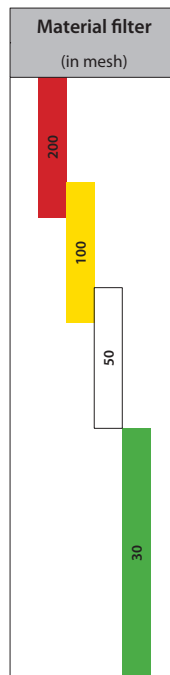
Nozzle Chart | Wagner Tip

Part-No. 1088xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1088411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			



Bore	Material flow*
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
0.025 (0.64)	1.92 (0.507)
0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

Applying

Airless

51	104	152	203	254	305	356	406
(2.0)	(4.0)	(6.0)	(8.0)	(10.0)	(12.0)	(14.0)	(16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

*** Average spray width may vary

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Wagner Profi Tip HD

Part-No. 1006xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1006411



Size	Spray angle								Material filter (in mesh)	Bore inch (mm)	Material flow* l/min (gal/min)
	10°	20°	30°	40°	50°	60°	70°	80°			
07***				407						0.007 (0.18)	0.23 (0.061)
09***		209	309	409	509	609				0.009 (0.23)	0.26 (0.069)
11	111	211	311	411	511	611				0.011 (0.28)	0.38 (0.100)
13	113	213	313	413	513	613		813		0.013 (0.33)	0.55 (0.145)
15	115	215	315	415	515	615	715	815		0.015 (0.38)	0.75 (0.198)
17		217	317	417	517	617	717			0.017 (0.43)	0.96 (0.254)
19		219	319	419	519	619	719	819		0.019 (0.48)	1.20 (0.317)
21		221		421	521	621		821		0.021 (0.53)	1.45 (0.383)
23		223		423	523	623	723	823		0.023 (0.58)	1.62 (0.428)
25		225		425	525	625		825		0.025 (0.64)	1.92 (0.507)
27		227		427	527	627		827		0.027 (0.69)	2.25 (0.594)
29						629				0.029 (0.75)	2.57 (0.679)
31		231		431	531	631				0.031 (0.79)	2.95 (0.779)
33				433						0.033 (0.83)	3.35 (0.885)
35		235		435	535	635				0.035 (0.90)	3.80 (1.004)
43		243			543					0.043 (1.10)	5.89 (1.556)
52					552				0.052 (1.30)	6.14 (1.622)	

51	104	152	203	254	305	356	406
(2.0)	(4.0)	(6.0)	(8.0)	(10.0)	(12.0)	(14.0)	(16.0)
Average spray width (inch)**							

* Measured with water at 100 bar
 ** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s
 *** Average spray width may vary

Electrostatic manual and automatic guns for solvent-based lacquers

WAGNER electrostatic manual and automatic guns for solvent-based lacquers with unique reliability, process and operating safety. Thanks to their external power supply with WAGNER control units, the guns are extremely light, robust and vibration-free. The operating concept offers flexibility and ease of use.

1. High Coating Quality, High AWG

Excellent wrap-around and low overspray usage ensure not only the best coating quality, but also impressive material and time savings. Amortization is soon achieved.

2. Robust Design

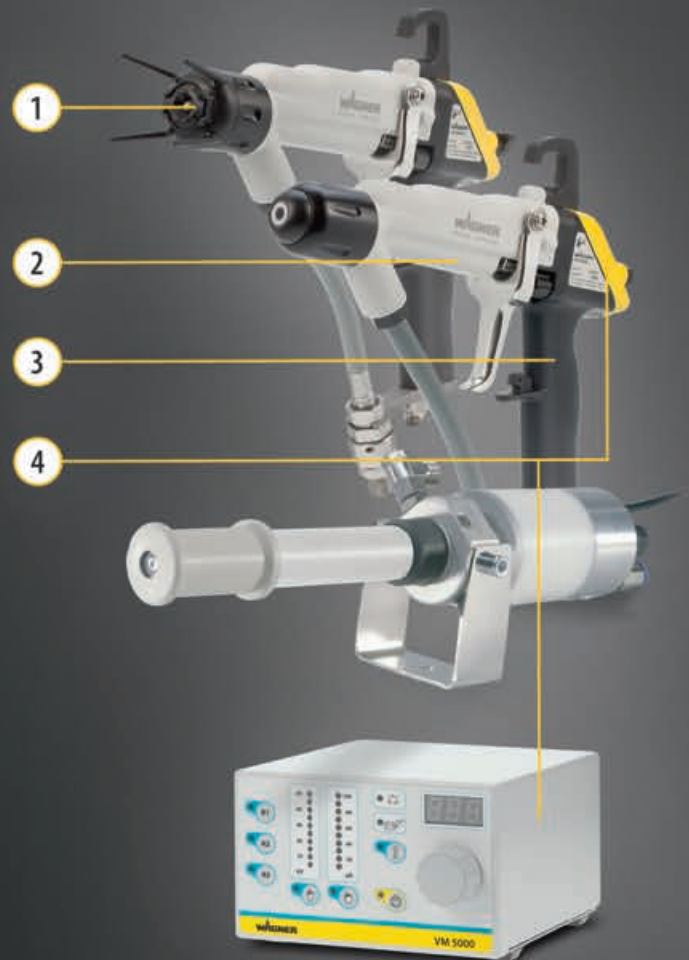
Despite complex technology the guns are extremely robust and survive falls and knocks completely undamaged.

3. Ergonomics

The combination of low weight, ergonomic design, outstanding balance and low trigger force is the basic building block for long, fatigue-free work. The power supply is protected and vibration-free in the control unit.

4. Easy Operation and Process Monitoring

Gun monitoring and setting up to three recipes directly on the gun at the touch of a button. Here the electrostatics can be switched on or off at any time. Field strength and current flow are displayed and monitored online.



GM 5000EA



Electrostatic manual gun for AirSpray applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM500 or VM 5000



Technical data	
Output voltage	80,0 kV
Output current	100 µA
Max. material pressure	8 bar, 116
Fluid inlet	A – G 1/4"
Material temperature	60 °C, 140.0 °F
Lacquer conductivity	20 – 500 megΩcm
Lacquer conductivity LowR	4 – 25 megΩcm
Max. air inlet pressure	8 bar, 116 PSI
Compressed air connection	A – G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	630 g, 1.39 lb
Length	261,0 mm, 10.3 in
Height	245 mm, 9.6 in

Processable materials

- Low-conductive, solvent-based lacquers, primers and separating agents, 1K and 2K.

Included Items

- GM 5000EA
- Operating manual
- Conformity certificate GM2000W
- Gun protection

Ordering information

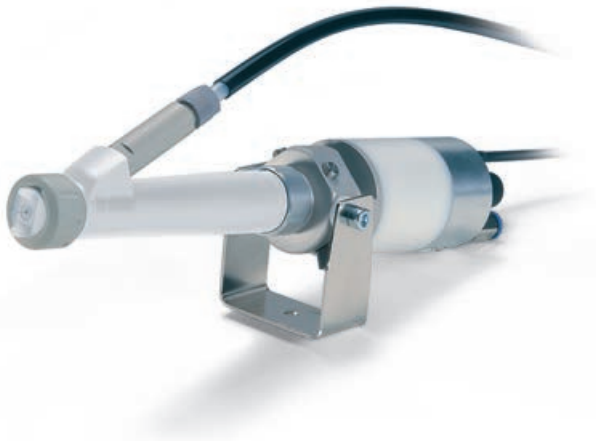
- In addition to individual guns, ready-to-spray sets can be composed; consisting of gun, nozzle, material hose pack and control unit.
- Comprehensive accessories range.
- Observe conductivity

Product variants	Item no.	Price	PH 2
GM 5000EA	2309870		- ILESTA
Set GM 5000EA VC - VM 500	2328706		- ILESTA
Set GM 5000EA VC - VM 5000	2328707		- ILESTA
Set configurator GM 5000EA VC	2309844		- ILESTA

GA 2800EA

Electrostatic automatic gun Airspray

Electrostatic spray gun for Airspray automatic applications with solvent-based lacquers.



Technical data

Output voltage	80,0 kV
Output current	100 µA
Material resistance	50 – 1250 kΩ
Max. material pressure	8 bar, 116
Material temperature	60 °C, 140.0 °F
Material connection Ø	10 mm, 0.4 in
Max. air inlet pressure	8 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	1440 g, 3.18 lb
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	141 mm, 5.6 in

Applying

Electrostatic solvent

Processable materials

- 1K solvent-based paints
- 2K solvent-based paints
- 1K solvent-based primer
- 2K solvent-based primer
- 1K solvent-based release agents
- 2K solvent-based release agents

Included items

- GA 2800EA
- Universal wrench
- Air nozzle wrench
- Seal kit
- Hose nipple Ø 10 mm; Ø 0.39 in; 1/4"
- Hose nipple Ø 10 mm; Ø 0.39 in; 3/8"
- CE declaration of conformity
- User manual

Ordering information

- Determine which gun is required and the necessary cable length.
- Select the type of nozzle system (round spray or fan spray).
- Determine which control unit is required and the nozzle size.
- Determine which additional accessories are required, e.g. hoses, cables, etc.

Product variants	Item no.	Price	PH 2
Automatic gun GA2805 EA	350046		- ILESTA
Automatic gun GA2805 EA short cable	350074		- ILESTA
Automatic gun GA2800 EA	2301861		- ILESTA
Automatic gun GA2800 EA	350028		- ILESTA

GM 5000EAC

Electrostatic manual gun Aircoat

Electrostatic manual gun for AirCoat applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM500 or VM 5000



Technical data	
Output voltage	80,0 kV
Output current	100 µA
Material pressure	0 – 250 bar, 0 – 3626 PSI
material connection	NPS 1/4"
Material temperature	60 °C, 140.0 °F
Lacquer conductivity	20 – 500
Lacquer conductivity LowR	4 – 25
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	710 g, 1.57 lb
Length	264,0 mm, 10.4 in
Height	246 mm, 9.7 in

Processable materials

- Low-conductive, solvent-based lacquers, primers and separating agents, 1K and 2K.

Included items

- GM 5000EAC
- Operating manual
- Conformity certificate GM2000W
- Gun protection

Ordering information

- In addition to individual guns, ready-to-spray sets can be composed; consisting of gun, nozzle, material hose pack and control unit.
- Comprehensive accessories range.
- Observe conductivity

Product variants	Item no.	Price	PH 2
GM 5000EAC	2309871		- ILESTA
Set GM 5000EAC VC - VM 500	2328708		- ILESTA
Set GM 5000EAC VC - VM 5000	2328709		- ILESTA
Set configurator GM 5000EAC VC	2309845		- ILESTA

GA 2000EAC

Electrostatic automatic gun AirCoat

Electrostatic spray gun for AirCoat automatic applications with solvent-based lacquers.



Technical data	
Output voltage	80,0 kV
Output current	100 µA
Material resistance	150 – 1250 kΩ
Max. material pressure	250 bar, 3626
Fluid inlet	M16 x 1.5
Material temperature	60 °C, 140.0 °F
Max. air inlet pressure	8 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	125 mm, 4.9 in

Applying

Electrostatic solvent

Processable materials

- 1K solvent-based paints
- 1K solvent-based primer
- 1K high solid paints
- 1K high solid primer
- 2K solvent-based primer
- 2K solvent-based paints

Included items

- GA 2000EAC
- Universal wrench
- Nozzle wrench
- Seal kit, valve rod
- Coupling sleeve M16x1.5-NPSM1/4"
- Notice tag
- CE declaration of conformity
- User manual

Ordering information

- Determine the required nozzle size.
- Determine which control unit is required.
- Determine which additional accessories are required, e.g. hoses, cables, etc.

Product variants	Item no.	Price	PH 2
Automatic spraygun GA 2000EACFB	350003		- ILESTA
Automatic spraygun GA 2000EACR	350007		- ILESTA
Automatic gun GA 2005EACFB	350044		- ILESTA
Automatic gun GA 2005EACFB short cable	350070		- ILESTA
Automatic spraygun GA 2000EACR	2301862		- ILESTA
Automatic spraygun GA 2000EACFB	2301864		- ILESTA

VM 500



Control unit to drive the electrostatic manual guns GM 5000 and GM 5000 EAC. 80 kV with monitoring and safety switch-off function.



Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2,3 kg, 5.1 lb
Length	230,0 mm, 9.1 in
Width	180 mm, 7.1 in
Height	120 mm, 4.7 in

Suitable for product

- GM 5000EA
- GM 5000EAC

Included items

- VM 500
- Ground cable 10 m, 33 ft
- CE declaration of conformity
- operating manual
- Power cable 3m

Ordering information

- Select the device and the required accessories.

Product variants	Item no.	Price	PH 2
Controler VM 500	2310478		- ILESTA

VM 5000



Control unit to drive the electrostatic manual guns GM 5000 and GM 5000 EAC. Adjustable high-voltage, recipe changes, safety monitoring and many other features.



Technical data	
Input voltage	115 – 230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2,3 kg, 5.1 lb
Length	250,0 mm, 9.8 in
Width	180 mm, 7.1 in
Height	120 mm, 4.7 in

Applying

Electrostatic solvent

Suitable for product

- GM 5000EA
- GM 5000EAC

Included items

- VM 5000
- Ground cable 10 m, 33 ft
- CE declaration of conformity
- operating manual
- Power cable 3m

Ordering information

- Select the device and the required accessories.

Product variants	Item no.	Price	PH 2
Controler VM 5000	2310477		- ILESTA

EPG 3000



EPG 3000 controls all Wagner electrostatic automatic guns for solvent-based lacquers. Precision setting of the atomizer and shaping air and setting of the high voltage and current limitation are possible.



Technical data	
Input voltage	85 – 264 V
Gun voltage	80 kV
Gun spray current	100 μ A
Input power	40 W
Input frequency	47 – 440 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air outlet pressure	0,0 – 0,6 MPa, 0,0 – 6,0 bar, 0 – 87 PSI
Max. number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	7,5 kg, 16.5 lb
Length	315,0 mm, 12.4 in
Width	270 mm, 10.6 in
Height	136 mm, 5.4 in

Suitable for product

- GA 2800EA
- GA 2805EA
- GA 2000EAC
- GA 2005EAC

Included items

- EPG 3000
- Power cable, standard, 3 m, 9.8 ft
- Ground cable, 10 m, 32.8 ft
- Control cable, external, 3 m, 9.8 ft
- Spare parts kit
- CE declaration of conformity
- User manual

Ordering information

- Select the device and the required accessories.

Product variants	Item no.	Price	PH 2
Electrostatic power generator EPG3000 ex	381021		- ILGR

Electrostatic manual and automatic gun accessories

Wagner offers a comprehensive accessories range for electrostatic manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

GM 5000EA	GA 2805EA	GM 5000EAC	GA 2000EAC
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Nozzles - flat jet						
Nozzle AF 5000 - 0.6mm	●				2310539	- ILESTA
Nozzle AF 5000 - 0.8mm	●				2310540	- ILESTA
Nozzle AF 5000 - 1.0mm	●				2310541	- ILESTA
Nozzle AF 5000 - 1.2mm	●				2310542	- ILESTA
Nozzle AF 5000 - 1.4mm	●				2310543	- ILESTA
Nozzle AF 5000 - 1.6mm	●				2310544	- ILESTA
Nozzle AF 5000 - 1.8mm	●				2310545	- ILESTA
Nozzle AF 5000 - 2.0mm	●				2310546	- ILESTA
ACF 5000 (see nozzle chart)			●		395xxx	- ILTIP
nozzle ACF5000 11/40			●		395411	- ILTIP
Air caps - flat jet						
Air cap AF 5000 - 0.4-0.8S	●				2310506	- ILESTA
Air cap AF 5000 - 1.0-1.4S	●				2310507	- ILESTA
Air cap EAF 5000 - 1.6-2.0S	●				2310508	- ILESTA
Air cap AF 5000 - 0.4-0.8W	●				2314255	- ILESTA
Air cap AF 5000 - 1.0-1.4W	●				2314256	- ILESTA
Air cap AF 5000 - 1.6-2.0W	●				2314258	- ILESTA
Aircap						
Air cap ACF 5000 - LV (red)			●		2309882	- ILESTA
Air cap ACF 5000 - HV (blue)			●		2314203	- ILESTA
Nozzle - round jet						
Nozzle AR 5000 - D8	●				2310558	- ILESTA
Nozzle AR 5000 - D12	●				2315050	- ILESTA
Round jet - nozzle holder						
Round jet nozzle adapter ACR 5000			●		2309883	- ILESTA
Air cap - round spray						
Air cap AR 5000 - D8	●				2310557	- ILESTA
Air cap AR 5000 - D12	●				2315049	- ILESTA

Electrostatic manual and automatic gun accessories

Wagner offers a comprehensive accessories range for electrostatic manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	GM 5000EA	GA 2805EA	GM 5000EAC	GA 2000EAC			
Nozzle - round jet							
Nozzle insert R11			●		132720	-	ILTIP
Nozzle insert R12			●		132721	-	ILTIP
Nozzle insert R13			●		132722	-	ILTIP
Nozzle insert R14			●		132723	-	ILTIP
Nozzle insert R15			●		132724	-	ILTIP
Nozzle insert R16			●		132725	-	ILTIP
Nozzle insert R17			●		132726	-	ILTIP
Nozzle insert R18			●		132727	-	ILTIP
Nozzle insert R19			●		132728	-	ILTIP
Nozzle insert R20			●		132729	-	ILTIP
Nozzle insert R21			●		132730	-	ILTIP
Nozzle insert R22			●		132731	-	ILTIP
Airless material hose							
HP-hose-DN6-PN270-M16x1,5-15m-PA				●	9984507	-	DPZU
HP-hose-DN4-PN270-M16x1,5-7.5m-PA				●	9984510	-	DPZU
HP-hose-DN6-PN270-M16x1,5-10,0m-PA				●	9984570	-	ILZU
Hose packages							
Hose package GM 5000EA (7.5m)	●				2339167	-	ILZU
Hose package GM 5000EA (10m)	●				2339168	-	ILZU
Hose package GM 5000EA (15m)	●				2339169	-	ILZU
Hose package GM 5000EA (20m)	●				2339170	-	ILZU
Hose package GM 5000EA (7.5m), Low R	●				2339175	-	ILZU
Hose package GM 5000EA (10m), Low R	●				2339176	-	ILZU
Hose package GM 5000EA (15m), Low R	●				2339177	-	ILZU
Hose package GM 5000EA (20m), Low R	●				2339178	-	ILZU
Filters							
Edge filter 60 mesh			●		3204604	-	ILZU
Edge filter 100 mesh			●		3204605	-	ILZU
Edge filter 200 mesh			●		9999002	-	ILZU
Valve seat / top							
Valve tip Air assy.	●				2312184	-	ILET
Valve tip Air assy. (Steel)	●				2312185	-	ILET
Valve seat Air assy. (Steel)	●				2312179	-	ILET
Valve seat Air assy. (PEEK)	●				2312176	-	ILET

Electrostatic manual and automatic gun accessories

Wagner offers a comprehensive accessories range for electrostatic manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

GM 5000EA	GA 2805EA	GM 5000EAC	GA 2000EAC
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Hose packages						
Hose package GM 5000EAC (7.5m)			●		2339171	- ILZU
Hose package GM 5000EAC (10m)			●		2339172	- ILZU
Hose package GM 5000EAC (15m)			●		2339173	- ILZU
Hose package GM 5000EAC (20m)			●		2339174	- ILZU
Hose package GM 5000EAC (7.5m), Low R			●		2339179	- ILZU
Hose package GM 5000EAC (10m), Low R			●		2339180	- ILZU
Hose package GM 5000EAC (15m), Low R			●		2339181	- ILZU
Hose package GM 5000EAC (20m), Low R			●		2339182	- ILZU
Control units						
Controler VM 500	●		●		2310478	- ILESTA
Controler VM 5000	●		●		2310477	- ILESTA
Mounting accessories						
Suspension pin		●		●	350364	- ILET
Gun flush box						
Gun flush box (Gm5000EA/EAC round jet)	●				2327973	- ILSC
retrofit PSV to Gm5000EA/EAC round jet	●				2328626	- ILSC
Gun flush box (Gm5000EAC flat jet)			●		2327965	- ILSC
retrofit kit PSV to Gm5000EAC flat jet			●		2328624	- ILSC
Miscellaneous						
Paint resistivity meter RS 500	●		●		2326041	- ILZP
Measurement tools						
H.V.tester HV200 N	●		●		259010	- IPSET
Miscellaneous						
Gun cover	●		●		2319653	- ILESTA
Wall mount GM 5000E (left/right)	●		●		2326485	- ILESTA

Control unit accessories

● Are compatible to each other

VM 500	VM 5000	EPG 3000
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Power cable						
Mains cable + Stak 200	●	●	●	241270	-	ILET
Mains cable + Stak 200 CH	●	●		241271	-	IPET
Power cable assy. USA	●	●		264626	-	IPET
Mains cable Japan	●	●		264625	-	IPET
Ground cable						
Earthing cable assy.	●	●	●	130215	-	ILET
Earthing cable assy. 3m	●	●	●	236219	-	IPET
Gun cable						
Gun cable GM 5000E 10m	●	●		2307293	-	ILET
Gun cable GM 5000E 15m	●	●		2309474	-	ILET
Gun cable GM 5000E 20m	●	●		2309475	-	ILET
Gun cable GM 5000E 25m	●	●		2309476	-	ILET
Extension and control cables						
Extension cable GM 5000E 10m	●	●		2307295	-	
Extension cable GM 5000E 20m	●	●		2307296	-	
Extension cable EA/EAC 7.5 m			●	350272	-	ILET
Extension cable EA/EAC 10m			●	350513	-	ILET
Extension cable EA/EAC 15m			●	350514	-	ILET
Control cable						
Interface cable VM 5000		●		2317600	-	ILET
Air hose						
Hose PUR 10/7 blue			●	9987095	-	ILZU
Hose PUR 10/7 black			●	9987076	-	IPET
Hose PU 8/5,5 rot			●	9982063	-	ILET
Hose PE-PU 8/5,5 green			●	9982077	-	IPET
Mounting equipment						
Mounting control unit assy.	●	●		2327509	-	ILZP
Extension and control cables						
Control cable assy.			●	350275	-	ILET

Spraypacks GM 5000 EA

WAGNER offers a selection of predefined spraypacks. Please choose the spraypack most suitable for your requirements from the following table. You can also create your own individual spraypack, to do this either visit our web shop or contact your WAGNER sales partner.

● consists of

Set GM 5000EA VC - VM 500, 2328706	Set GM 5000EA VC - VM 5000, 2328707	Set GM 5000EAC VC - VM 500, 2328708	Set GM 5000EAC VC - VM 5000, 2328709
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Mounting equipment					
Mounting control unit assy.	●	●	●	●	2327509
Nozzles - flat jet					
Nozzle AF 5000 - 1.0mm	●	●			2310541
Control units					
Controler VM 500	●		●		2310478
Controler VM 5000		●		●	2310477
Filters					
Edge filter 100 mesh			●	●	3204605
Air caps - flat jet					
Air cap AF 5000 - 1.0-1.4W	●	●			2314256
Nozzles - flat jet					
nozzle ACF5000 11/40	●		●	●	395411
Aircap					
Air cap ACF 5000 - LV (red)			●	●	2309882
Hose packages AirSpray					
GM 5000EA	●	●			2309870
Hose sets AirCoat					
GM 5000EAC			●	●	2309871

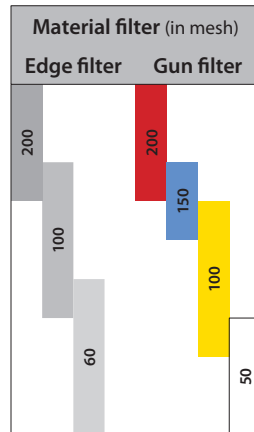
Nozzle Chart | Brilliant

Part-No. 148xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 148411



Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09		209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823



Bore inch (mm)	Material flow* l/min (gal/min)
0,009 (0,23)	0,26 (0,069)
0,011 (0,28)	0,38 (0,100)
0,013 (0,33)	0,55 (0,145)
0,015 (0,38)	0,75 (0,198)
0,017 (0,43)	0,96 (0,254)
0,019 (0,48)	1,20 (0,317)
0,021 (0,53)	1,45 (0,383)
0,023 (0,58)	1,79 (0,473)

55 (2,17)	100 (3,94)	145 (5,71)	195 (7,68)	250 (9,84)	300 (11,81)	400 (15,75)
Average spray width mm (inch)**						

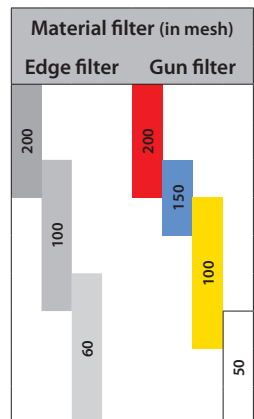
* Measured with water at 100 bar
 ** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

Nozzle Chart | ACF 5000

Part-No. 395xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 395411

Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09	109	209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823



Bore inch (mm)	Material flow* l/min (gal/min)
0,009 (0,23)	0,26 (0,069)
0,011 (0,28)	0,38 (0,100)
0,013 (0,33)	0,55 (0,145)
0,015 (0,38)	0,75 (0,198)
0,017 (0,43)	0,96 (0,254)
0,019 (0,48)	1,20 (0,317)
0,021 (0,53)	1,45 (0,383)
0,023 (0,58)	1,79 (0,473)

55 (2,17)	100 (3,94)	145 (5,71)	195 (7,68)	250 (9,84)	300 (11,81)	400 (15,75)
Ø Average spray width mm (inch)**						

* Measured with water at 100 bar
 ** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s

Electrostatic manual and automatic guns & systems for water-based lacquers

WAGNER electrostatic manual and automatic guns as well as special systems for the application of water-based products. These guns offer the same benefits as those for solvent-based products. However, the guns for water-based products offer no integrated high-voltage cascade. One special feature is the WAGNER AquaCoat system. It allows diverse options for the electrostatic application of water-based lacquers.

1. Guns for water-based lacquers

These versions are designed for most water-based products with a lacquer conductivity of 1 kOhm/cm to 1M0hm/cm. Gun without high-voltage cascade and equipped with a special firmly attached material hose.

2. AquaCoat

For the electrostatic processing of water-based lacquers. High-voltage is applied to the complete system observing all safety standards. Thus the conductive materials can be processed without difficulties thanks to the internal charge. All control and operating elements are centrally accessible from the control unit.

3. Central control

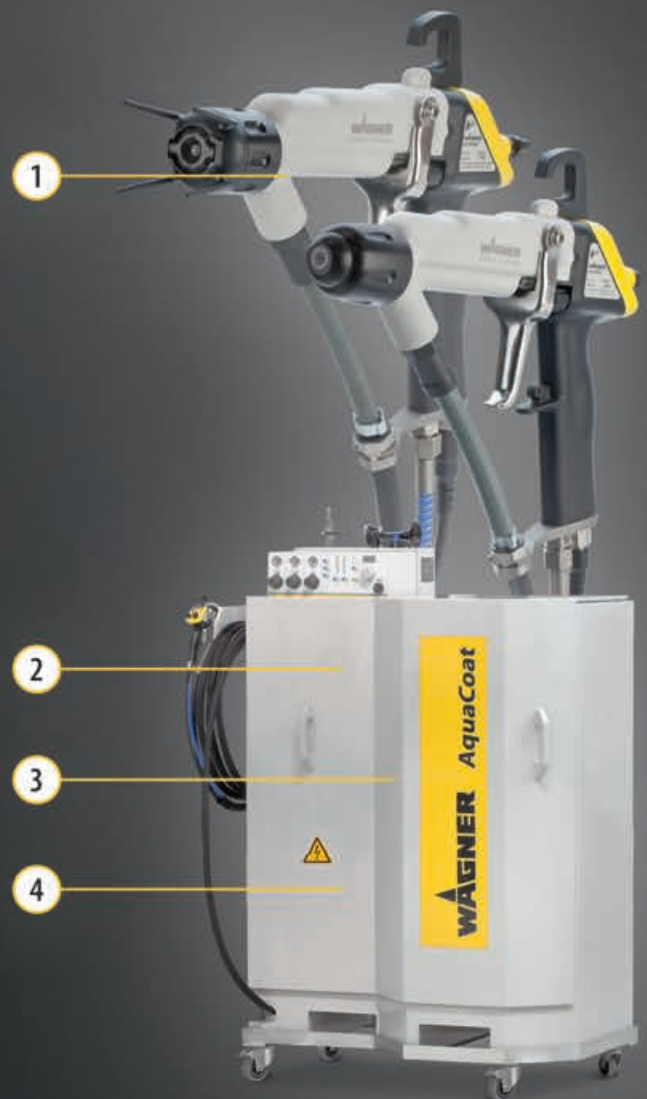
A central and user-friendly controller controls and monitors all AquaCoat functions.

4. High safety standards

During application, access to the interior of the system is blocked mechanically. The most important safety systems are duplicated (redundant) and thus provide optimal user protection.

5. Serviceability

Evobell high-speed rotary atomizer stands out due to its high level of serviceability. Thanks to fast disassembly and assembly, set-up times and system down times, maintenance costs can be considerably reduced.



GM 5000EAW

Electrostatic manual gun Airspray - water-based lacquers

Electrostatic manual gun for Airspray applications with water-based lacquers and internal charging.



Technical data	
Output voltage	70,0 kV
Output current	125 µA
Max. material pressure	8 bar, 116
Fluid inlet	A – G 1/4"
Material temperature	60 °C, 140.0 °F
Max. air inlet pressure	8 bar, 116 PSI
Compressed air connection	A – G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	630 g, 1.39 lb
Length	261,0 mm, 10.3 in
Height	245 mm, 9.6 in

Processable materials

- 1K water-based primers
- 1K water-based paints
- 2K water-based primers
- 2K water-based paints

Included items

- GM 5000EAW
- Operating manual
- Conformity certificate GM2000W
- Gun protection

Ordering information

- For lacquer charging, an insulated construction such as AquaCoat is required.

Product variants	Item no.	Price	PH 2
GM 5000EAW	2309872		- ILESTA

GM 5000EACW

Electrostatic manual gun Aircoat - water-based lacquers

Electrostatic manual gun for AirCoat applications with water-based lacquers.



Technical data	
Output voltage	70,0 kV
Output current	125 µA
Max. material pressure	250 bar, 3626
Fluid inlet	A – NPS 1/4"
Material temperature	60 °C, 140.0 °F
Max. air inlet pressure	8 bar, 116 PSI
Compressed air connection	A – G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	2000 g, 4.41 lb

Applying

Electrostatic water-based lacquers

Processable materials

- 1K water-based paints
- 2K water-based paints
- 1K water-based primers
- 2K water-based primers

Included items

- GM 5000EACW
- Operating manual
- Conformity certificate GM2000W
- Gun protection

Ordering information

- For lacquer charging, an insulated construction such as AquaCoat is required.

Product variants	Item no.	Price	PH 2
GM 5000EACW	2309873		- ILESTA

AquaCoat

Electrostatic system manual - water-based lacquers



For electrostatic processing of water-based lacquers. Completely insulated construction with internal charging of the materials for manual spraying applications, AirSpray and AirCoat.



Technical data

Output voltage	70,0 kV
Output current	125 μ A
Total capacity	60 l, 15,85 gal(US)
Length	600,0 mm, 23.6 in
Width	1000 mm, 39.4 in
Height	1390 mm, 54.7 in

Processable materials

- 1K water-based primer
- 1K water-based paints
- 1K water-based glues
- 1K water-based release agents
- 1K high solid primer
- 1K high solid paints

Included items

- Insulated cabinet
- VM 5000 W, high-voltage cascade, control unit
- Mains cable
- Grounding cable
- CE Declaration of Conformity
- Operating manual

Ordering information

- The system is ready-to-spray, configured according to the requirements of the application.
- Basic unit with control unit, cascade, insulating cabinet.

Product variants	Item no.	Price	PH 2
AquaCoat 5000 basic unit	2314232		- ILGR
AquaCoat VC configurator 5000EA manual	2327676		- ILGR
AquaCoat VC configurator 5000EAC manual	2327677		- ILGR

GA 2800EAW

Electrostatic automatic gun Airspray - water-based lacquers

Electrostatic spray gun for Airspray automatic applications.



Technical data	
Output voltage	70,0 kV
Output current	125 µA
Max. material pressure	8 bar, 116
Material temperature	60 °C, 140.0 °F
Material connection Ø	12 mm, 0.5 in
Max. air inlet pressure	8 bar, 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	141 mm, 5.6 in

Applying

Electrostatic water-based lacquers

Processable materials

- 1K water-based primer
- 1K water-based paints

Included items

- GA 2800EAW
- User manual
- CE declaration of conformity

Ordering information

- For lacquer charging, an insulated construction such as AquaCoat is required.

Product variants	Item no.	Price	PH 2
Automatic gun GA 2800EAW	2302598		- ILESTA

AquaCoat

Electrostatic system automatic - water-based lacquers



For the electrostatic processing of water-based lacquers. Completely insulated construction with internal charging of the materials for automatic spraying applications, AirSpray and AirCoat



Technical data	
Output voltage	80,0 kV
Output current	125 μ A
Total capacity	60 l, 15,85 gal(US)
Length	600,0 mm, 23.6 in
Width	1000 mm, 39.4 in
Height	1390 mm, 54.7 in

Processable materials

- 1K water-based primer
- 1K water-based paints
- 1K water-based glues
- 1K water-based release agents
- 1K high solid primer
- 1K high solid paints

Included items

- AquaCoat cabinet
- Control unit, high-voltage cascade
- Mains cable
- Grounding cable
- CE Declaration of Conformity
- Operating manual

Ordering information

- The system is ready-to-spray, configured according to the requirement specifications.

Product variants	Item no.	Price	PH 2
AquaCoat with VM 2900W automatic	2307547		- ILGR
AquaCoat VC configurator 5000EA autom.	2327678		- ILGR
AquaCoat VC configurator 5000EAC autom.	2327679		- ILGR

VM 5000W



Technical data	
Input voltage	115 – 230 V
Gun spray current	100 µA
Input power	40 W
Input frequency	50 – 60 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,2 kg, 13.7 lb
Length	252,0 mm, 9.9 in
Width	370 mm, 14.6 in
Height	136 mm, 5.4 in

Suitable for product

- GM 5000EAW
- GM 5000EACW

Included items

- VM 5000W
- Ground cable 10 m, 33 ft
- CE declaration of conformity
- Operating manual
- Power cable 3m

Ordering information

- Select the device and the required accessories.

Product variants	Item no.	Price	PH 2
Control unit VM 5000W	2314234		- ILESTA

Electrostatic manual and automatic gun accessories

Wagner offers a comprehensive accessories range for electrostatic manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

GM 5000EAW	GA 2800EAW	GM 5000EACW
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Nozzles - flat jet						
Nozzle AF 5000 - 0.6mm	●			2310539	-	ILESTA
Nozzle AF 5000 - 0.8mm	●			2310540	-	ILESTA
Nozzle AF 5000 - 1.0mm	●			2310541	-	ILESTA
Nozzle AF 5000 - 1.2mm	●			2310542	-	ILESTA
Nozzle AF 5000 - 1.4mm	●			2310543	-	ILESTA
Nozzle AF 5000 - 1.6mm	●			2310544	-	ILESTA
Nozzle AF 5000 - 1.8mm	●			2310545	-	ILESTA
Nozzle AF 5000 - 2.0mm	●			2310546	-	ILESTA
Nozzle AF 5000 - 0.4mm	●			2310538	-	ILESTA
ACF 5000 (see nozzle chart)			●	395xxx	-	ILTIP
nozzle ACF5000 11/40			●	395411	-	ILTIP
Air caps - flat jet						
Air cap AF 5000 - 0.4-0.8S	●			2310506	-	ILESTA
Air cap AF 5000 - 1.0-1.4S	●			2310507	-	ILESTA
Air cap EAF 5000 - 1.6-2.0S	●			2310508	-	ILESTA
Air cap AF 5000 - 0.4-0.8W	●			2314255	-	ILESTA
Air cap AF 5000 - 1.0-1.4W	●			2314256	-	ILESTA
Air cap AF 5000 - 1.6-2.0W	●			2314258	-	ILESTA
Aircap						
Air cap ACWF 5000 - LV (red)			●	2309901	-	ILESTA
Air cap ACWF 5000 - HV (blue)			●	2314204	-	ILESTA
Nozzle - round jet						
Nozzle AWR 5000 - D8	●			2310559	-	ILESTA
Nozzle AWR 5000 - D12	●			2315051	-	ILESTA
Nozzle AR 5000 - D8	●			2310558	-	ILESTA
Nozzle AR 5000 - D12	●			2315050	-	ILESTA
Round jet - nozzle holder						
Round jet nozzle adapter ACWR 5000			●	2309902	-	ILESTA
Air cap - round spray						
Air cap AR 5000 - D8	●			2310557	-	ILESTA
Air cap AR 5000 - D12	●			2315049	-	ILESTA

Electrostatic manual and automatic gun accessories

● Are compatible to each other

GM 5000EAW	GA 2800EAW	GM 5000EACW
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Nozzle - round jet						
Nozzle insert R11			●	132720	-	ILTIP
Nozzle insert R12			●	132721	-	ILTIP
Nozzle insert R13			●	132722	-	ILTIP
Nozzle insert R14			●	132723	-	ILTIP
Nozzle insert R15			●	132724	-	ILTIP
Nozzle insert R16			●	132725	-	ILTIP
Nozzle insert R17			●	132726	-	ILTIP
Nozzle insert R18			●	132727	-	ILTIP
Nozzle insert R19			●	132728	-	ILTIP
Nozzle insert R20			●	132729	-	ILTIP
Nozzle - round jet						
Nozzle insert R21			●	132730	-	ILTIP
Nozzle insert R22			●	132731	-	ILTIP
Hose packages						
Hose package GM 5000EAW (7.5m)	●			2339183	-	ILZU
Hose package GM 5000EAW (10m)	●			2339184	-	ILZU
Hose package GM 5000EAW (15m)	●			2339185	-	ILZU
Hose package GM 5000EAW (20m)	●			2339186	-	ILZU
Valve seat / top						
Valve seat Air assy. (Steel)	●			2339187	-	ILET
Valve seat Air assy. (PEEK)	●			2339188	-	ILET
Valve tip EAW assy. (PEEK)	●			2339189	-	ILET
Valve needle EAW assy. (Steel)	●			2339190	-	ILET
Hose packages						
Hose package GM 5000EACW (7.5m)			●	2309865	-	ILZU
Hose package GM 5000EACW (10m)			●	2309866	-	ILZU
Hose package GM 5000EACW (15m)			●	2309867	-	ILZU
Hose package GM 5000EACW (20m)			●	2309868	-	ILZU
Control units						
Control unit VM 5000W	●		●	2314234	-	ILESTA
Mounting accessories						
Suspension pin		●		350364	-	ILET
Gun flush box						
Gun flush box (Gm5000EAC flat jet)			●	2327965	-	ILSC
retrofit kit PSV to Gm5000EAC flat jet			●	2328624	-	ILSC
Miscellaneous						
Wall mount GM 5000E (left/right)	●		●	2326485	-	ILESTA
Gun cover	●		●	2319653	-	ILESTA
Measurement tools						
H.V. tester HV200 N	●		●	259010	-	IPSET

Control unit accessories

Wagner offers a comprehensive accessories range for electrostatic control units. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other



Power cable				
Mains cable Japan	●		264625	- IPET
Power cable assy. USA	●		264626	- IPET
Mains cable + Stak 200 CH	●		241271	- IPET
Mains cable + Stak 200	●		241270	- ILET
Ground cable				
Earthing cable assy.	●		130215	- ILET
Earthing cable assy. 3m	●		236219	- IPET
Gun cable				
Gun cable GM 5000E 10m	●		2307293	- ILET
Gun cable GM 5000E 15m	●		2309474	- ILET
Gun cable GM 5000E 20m	●		2309475	- ILET
Gun cable GM 5000E 25m	●		2309476	- ILET
Gun cable GM 5000E 7.5m	●		2311813	- ILET

High-speed rotary atomizers

With the Evobell 3000 and 3500, WAGNER has developed a new generation of high-speed rotary atomizers that set new standards in the areas of surface finish, lacquer saving, reliability, safety and ease of servicing. The atomizer bell, broken down into bell and distributor, guarantees quick inexpensive adaptation to the product being atomized. Only the distributor needs to be changed! The unique design of the distributor allows optimal cleaning and flushing of the atomizer bell and distributor.

1. High efficiency

Very high application efficiency (up to over 90%). Due to the additionally integrated bell flushing system, there is no need to empty the material tube during intermediate cleanings.

2. Excellent surface quality

Evobell stands out due to its fine atomization and uniform lacquer application. The atomizer bell, designed for high quality surface finishing, provides a homogeneous film thickness with the finest atomization.

3. High Flexibility

Evobell is suitable for solvent and water based lacquers.

4. High Performance

The wide speed range of up to 70.000 l/min in continuous operation allows an optimal setting of the droplet size from fine to very fine.

5. Serviceability

Evobell high-speed rotary atomizer stands out due to its high level of serviceability. Thanks to fast disassembly and assembly, set-up times and system down times, maintenance costs can be considerably reduced.



Evobell 3000

Electrostatic high rotation atomizer

High-pressure atomizer for the installation into automatic systems.



Technical data	
Output voltage	100,0 kV
Suspension	Ball bearing
Material pressure	8 bar, 116 PSI
Hose connection, material valve	4/2.5 mm
Hose connection, valve block	6/4 mm
Material temperature	40 °C, 104.0 °F
Air connections, threads	G 1/4"
Hose connection, drive air	10/8 mm
Hose connection, brake air	8/6 mm
Hose connection, shaping air	10/8 mm
Drive air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m ³ at 20 °C, dew point 16 °C
Brake air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m ³ at 20 °C, dew point 16 °C
Shaping air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m ³ at 20 °C, dew point 16 °C
Material delivery rate	25 – 600 cm ³ /min, 0,0 – 0,0 cfm
Weight	4,7 kg, 10.4 lb
Rotational speed	40000 rpm, 40000 rpm
Length	455,0 mm, 17.9 in
Height	125 mm, 4.9 in
Spray jet Ø	70 – 800 mm, 2.8 – 31.5 in
Bell Ø	36/50/70 mm, 1.4/2.0/2.8 in

Processable materials

- 1K water-based paints
- 1K solvent-based paints
- 2K water-based paints
- 2K solvent-based paints
- Metallic paints

Included items

- Evobell 3000 as per configuration
- CE declaration of conformity
- User manual

Ordering information

- Your WAGNER representative is happy to advise you.

Product variants	Item no.	Price	PH 2
Evobell 3000 (see configuration chart)	387001-xxxxxxxx		- ILBELL

Evobell 3500

Electrostatic high rotation atomizer

High-pressure atomizer for the installation into automatic coating systems.



Technical data	
Output voltage	100,0 kV
Suspension	Air bearing
Material pressure	8 bar, 116 PSI
Hose connection, material valve	4/2.5 mm
Hose connection, valve block	6/4 mm
Material temperature	40 °C, 104.0 °F
Max. air bearing pressure	0,5 ±0 MPa, 5 ±0.5 bar, 73 ±7 PSI
Air connections, threads	G 1/4"
Hose connection, drive air	10/8 mm
Hose connection, brake air	8/6 mm
Hose connection, shaping air	10/8 mm
Hose connection, bearing air	8/6 mm
Drive air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Brake air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Shaping air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Bearing air quality	Particle filter < 0.5 µm, oil separator < 0.01mg/m³ at 20 °C, dew point 7.5 °C
Material delivery rate	25 – 600 cm³/min, 0,0 – 0,0 cfm
Weight	5,2 kg, 11.5 lb
Rotational speed	70000 rpm, 70000 rpm
Length	475,0 mm, 18.7 in
Height	125 mm, 4.9 in
Spray jet Ø	70 – 800 mm, 2.8 – 31.5 in
Bell Ø	36/50/70 mm, 1.4/2.0/2.8 in

Applying

Rotary atomization

Processable materials

- 1K water-based paints
- 1K solvent-based paints
- 2K water-based paints
- 2K solvent-based paints
- Metallic paints

Included items

- Evobell 3500 as per configuration
- CE declaration of conformity
- User manual

Ordering information

- Your WAGNER representative is happy to advise you.

Product variants	Item no.	Price	PH 2
High rotation atomizer Evobell 3500 VC	2305072		- ILBELL
Evobell 3500 (see configuration chart)	2305072-xxxxxxxxxx		- ILBELL

Rotary atomization accessories

Wagner offers a comprehensive accessories range for the high-speed rotary atomizer. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

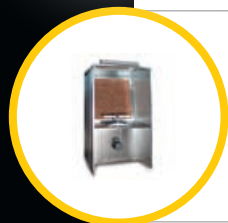
	Evobell 3000	Evobell 3500			
Atomizer					
Bell 36 assy	●	●	387108	-	ILZU
Bell 50 assy	●	●	387109	-	ILZU
Bell 70 assy	●	●	387110	-	ILZU
Bell T 70 assy		●	2303928	-	ILZU
Distributor					
Distributor 36 offset (20 x d2.3)	●	●	387135	-	ILZU
Distributor 50 offset (20 x d2.3)	●	●	387136	-	ILZU
Distributor 70 offset (20 x d2.3)	●	●	387137	-	ILZU
Distributor 36 offset (32 x d1.5)	●	●	387138	-	ILZU
Distributor 50 offset (32 x d1.5)	●	●	387139	-	ILZU
Distributor 70 offset (32 x d1.5)	●	●	387140	-	ILZU
Material tubes					
Material tube d0.8 assy EB3000	●		387141	-	ILZU
Material tube d1.1 assy EB3000	●		387142	-	ILZU
Material tube d1.6 assy EB3000	●		387143	-	ILZU
Material tube d2.2 assy EB3000	●		387144	-	ILZU
Material tube d0.8 assy EB3500		●	387151	-	ILZU
Material tube d1.1 assy EB3500		●	387152	-	ILZU
Material tube d1.6 assy EB3500		●	387153	-	ILZU
Material tube d2.2 assy EB3500		●	387154	-	ILZU
Tube d1.6 assy EB3500		●	2303890	-	ILZU
Tube T d2.0 assy EB3500		●	2303891	-	ILZU
Air guide rings					
Air guide 36 assy	●	●	387103	-	ILZU
Air guide 50 assy	●	●	387104	-	ILZU
Air guide 70 assy	●	●	387148	-	ILZU
Air guide T 70 assy		●	2303933	-	ILZU
Valve block					
Valve assy 2M/2D/2F EB3000	●		387106	-	ILZU
Valve assy 1M/1D/1F EB3000	●		387107	-	ILZU
Valve assy 2M/2D/2F EB3500		●	387116	-	ILZU
Valve assy 1M/1D/1F EB3500		●	387117	-	ILZU
Adjusting and mounting tool					
Adjusting- & mounting tool bell d36	●	●	387190	-	ILZU
Adjusting- & mounting tool bell d50	●	●	387191	-	ILZU
Adjusting- & mounting tool bell d70	●	●	387192	-	ILZU
Articular pin wrench 90/5	●	●	387980	-	ILZU

Easy maintenance with minimal servicing requirements.

WAGNER booth systems convince with their cost-efficient assembly and setup and their modular design with great maintainability. The use of low-maintenance system components, for example manually detachable filter mats, ensure minimal servicing. The modular design allows for the booths to be easily adapted to customer requirements.



Booths



Small spray booth Type 700

174



Small spray wall, type 90W

176



Spray wall

180

Small spray booth Type 700

Thanks to the modular design, you receive a booth solution which is a perfect fit for your operation. Additional energy saving features may be added to these already cost-effective systems. If desired, we install further required components, such as control cabinets, piping and more. The filter mats offer a high separation efficiency and high intake capacity, thus reducing the required filter change and booth maintenance efforts.

1. Perfect Lighting Conditions

The integrated light provides perfect conditions.

2. Flexible Design

The exhaust pipe can be mounted on the left or right side.

3. Quick Filter Change

A quick filter change is made possible due to the folding supporting frame.

4. Multi-layer Filter Technology

Due to the multilayered filter technology, high separation efficiency as well as high intake capacity are achieved.

5. ATEX

Fulfils the ATEX directive.



Spray booth Type 700

Booth solution



Technical data

Rated power, drive motor	0,75 kW
Total depth	1000 mm, 39 in
Total height	1900 mm, 75 in
Workbench height	805 mm, 32 in
Working depth	675 mm, 27 in
Workspace height	1065 mm, 42 in

Ordering information

- Select the working width you require.
- Select the required accessories.

Product variants	Item no.	Price	PH 2
Spray booth Typ 708	W1270800350		- ILW023
Spray booth Typ 710	W1271000350		- ILW023
Small spraystand Typ 712	W1271200350		- ILW023
Drying spray stand 714 NZ350	W1271400350		- ILW023
Spray booth Typ 720	W1272000350		- ILW023

Small spray wall, type 90W

Thanks to the modular design, you receive a booth solution which is a perfect fit for your operation. Additional energy saving features may be added to these already cost-effective systems. If desired, we install further required components, such as control cabinets, piping and more. The filter mats offer a high separation efficiency and high intake capacity, thus reducing the required filter change and booth maintenance efforts.

1. Extendable

The modern modular system allows the combination of basic elements to any working width.

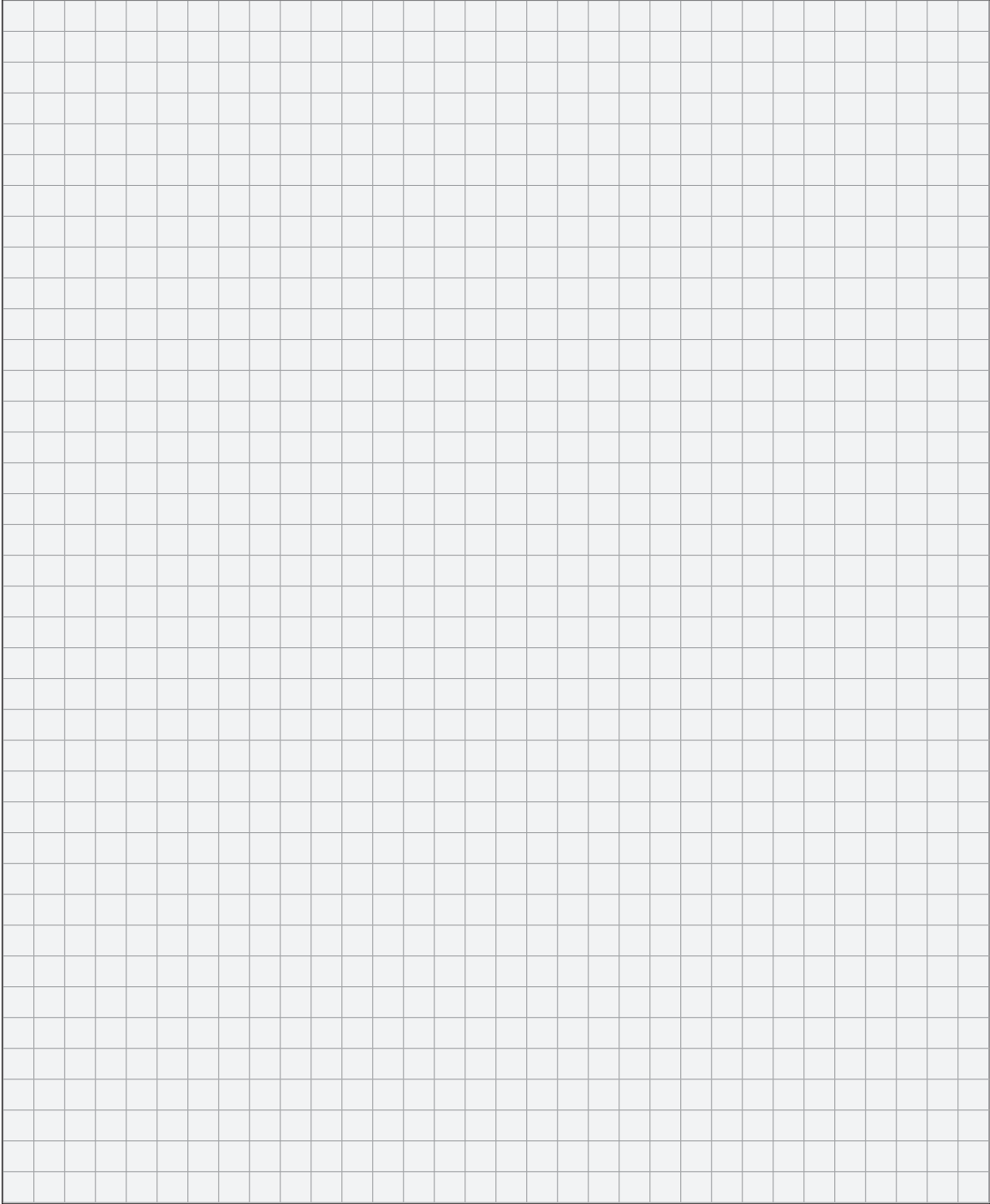
2. Multi-layer filter

Due to the multilayered filter technology, high separation efficiency as well as high intake capacity are achieved.

3. ATEX

Fulfils the ATEX directive.





Spray booth Type 90W

Booth solution



Technical data

Total depth	750 mm, 30 in
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Ordering information

- Select the working width you require.
- Select the required accessories.

Booths

Small spray wall, type 90W

Product variants	Item no.	Price	PH 2
Spray panel Typ 90W Gr.5-750	W5075075351		- ILW021
Spray panel Typ 90W Gr.5-750	W5075075350		- ILW021
Spray panel Typ 90W Gr.35-750	W5225075351		- ILW021
Spray panel Typ 90W Gr.35-750	W5225075350		- ILW021
Spray panel Typ 90W Gr.60-750	W5375075351		- ILW021
Spray panel Typ 90W Gr.60-750	W5375075350		- ILW021
Spray panel Typ 90W Gr.80-750	W5450075451		- ILW021
Spray panel Typ 90W Gr.80-750	W5450075450		- ILW021
Spray panel Typ 90W Gr.100-750	W5600075451		- ILW021
Spray panel Typ 90W Gr.100-750	W5600075450		- ILW021
Spray panel Typ 90W Gr.5-1500	W5075150351		- ILW021
Spray panel Typ 90W Gr.5-1500	W5075150350		- ILW021
Spray panel Typ 90W Gr.20-1500	W5150150351		- ILW021
Spray panel Typ 90W Gr.20-1500	W5150150350		- ILW021
Spray panel Typ 90W Gr.35-1500	W5225150451		- ILW021
Spray panel Typ 90W Gr.35-1500	W5225150450		- ILW021
Spray panel Typ 90W Gr.50-1500	W5300150451		- ILW021
Spray panel Typ 90W Gr.50-1500	W5300150450		- ILW021
Spray panel Typ 90W Gr.80-1500	W5450150401		- ILW021
Spray panel Typ 90W Gr.80-1500	W5450150400		- ILW021
Spray panel Typ 90W Gr.80-1500	W5450150402		- ILW021

Product variants	Item no.	Price	PH 2
Spray panel Typ 90W Gr.85-1500	W5525150451		- ILW021
Spray panel Typ 90W Gr.85-1500	W5525150450		- ILW021
Spray panel Typ 90W Gr.85-1500	W5525150452		- ILW021
Spray panel Typ 90W Gr.10	W3290101350		- ILW020
Spray panel Typ 90W Gr.10	W3290100350		- ILW020
Spray panel Typ 90W Gr.20	W3290201400		- ILW020
Spray panel Typ 90W Gr.20	W3290200400		- ILW020
Spray panel Typ 90W Gr.30	W3290301450		- ILW020
Spray panel Typ 90W Gr.30	W3290100450		- ILSP
Spray panel Typ 90W Gr.40	W3290401450		- ILW020
Spray panel Typ 90W Gr.40	W4290400450		- ILW020
Spray panel Typ 90W Gr.50	W3290501400		- ILW020
Spray panel Typ 90W Gr.50	W3290100400		- ILSP
Spray panel Typ 90W Gr.50	W3290502400		- ILW020
Spray panel Typ 90W Gr.60	W3290601451		- ILSP
Spray panel Typ 90W Gr.60	W3290600450		- ILW020
Spray panel Typ 90W Gr.70	W3290701450		- ILW020
Spray panel Typ 90W Gr.70	W3290700450		- ILW020
Spray panel Typ 90W Gr.70	W3290702450		- ILW020
Spray panel Typ 90W Gr.80	W3290801450		- ILW020
Spray panel Typ 90W Gr.80	W3290800450		- ILW020
spray panel Typ 90W Gr.80	W3290820450		- ILW020
Spray panel Typ 90W Gr.100	W3291001450		- ILW020
Spray panel Typ 90W Gr.100	W3291000450		- ILW020
Spray panel Typ 90W Gr.100	W3291002450		- ILW020

Water wash paint spray wall

Booth solution



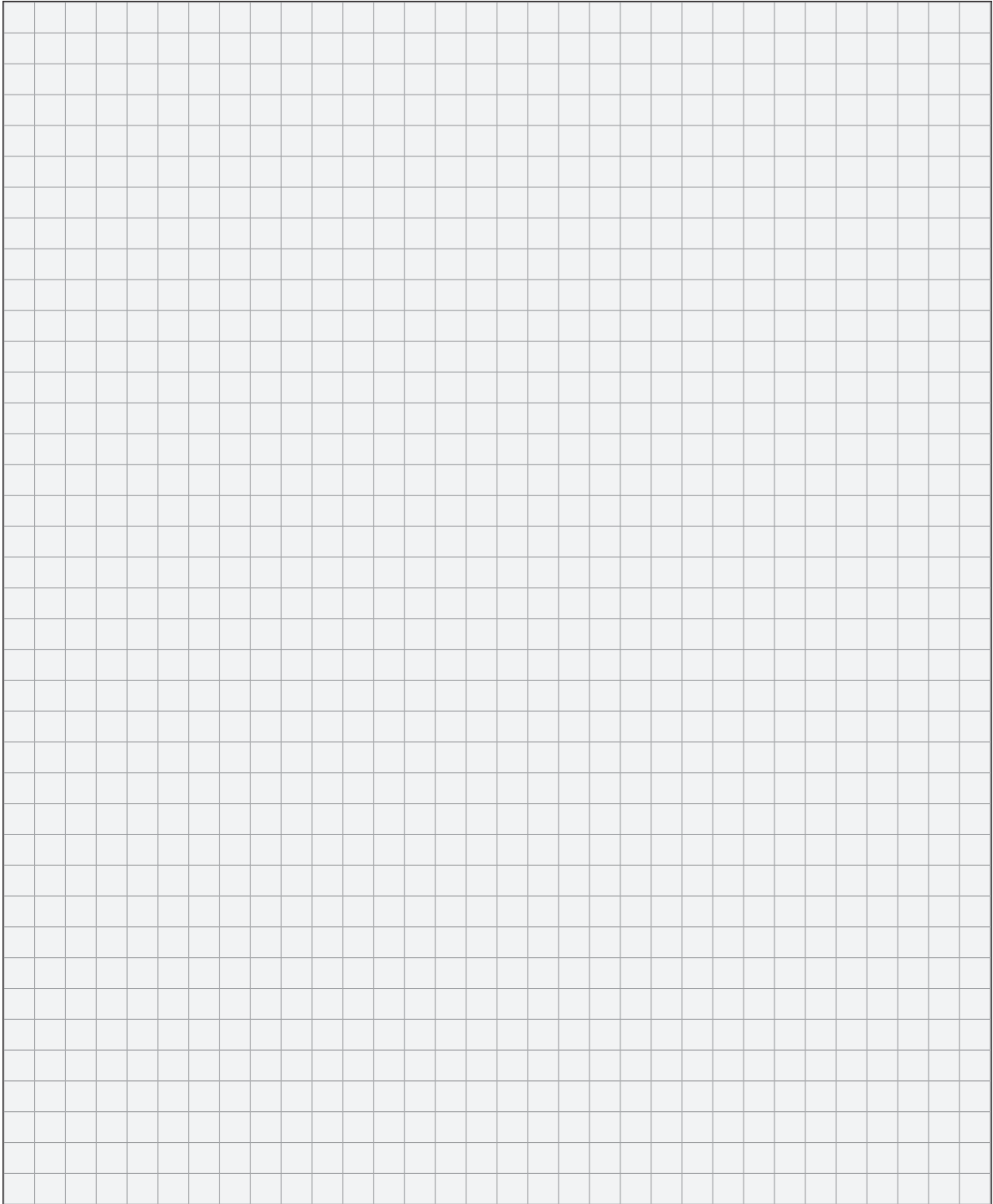
Ordering information

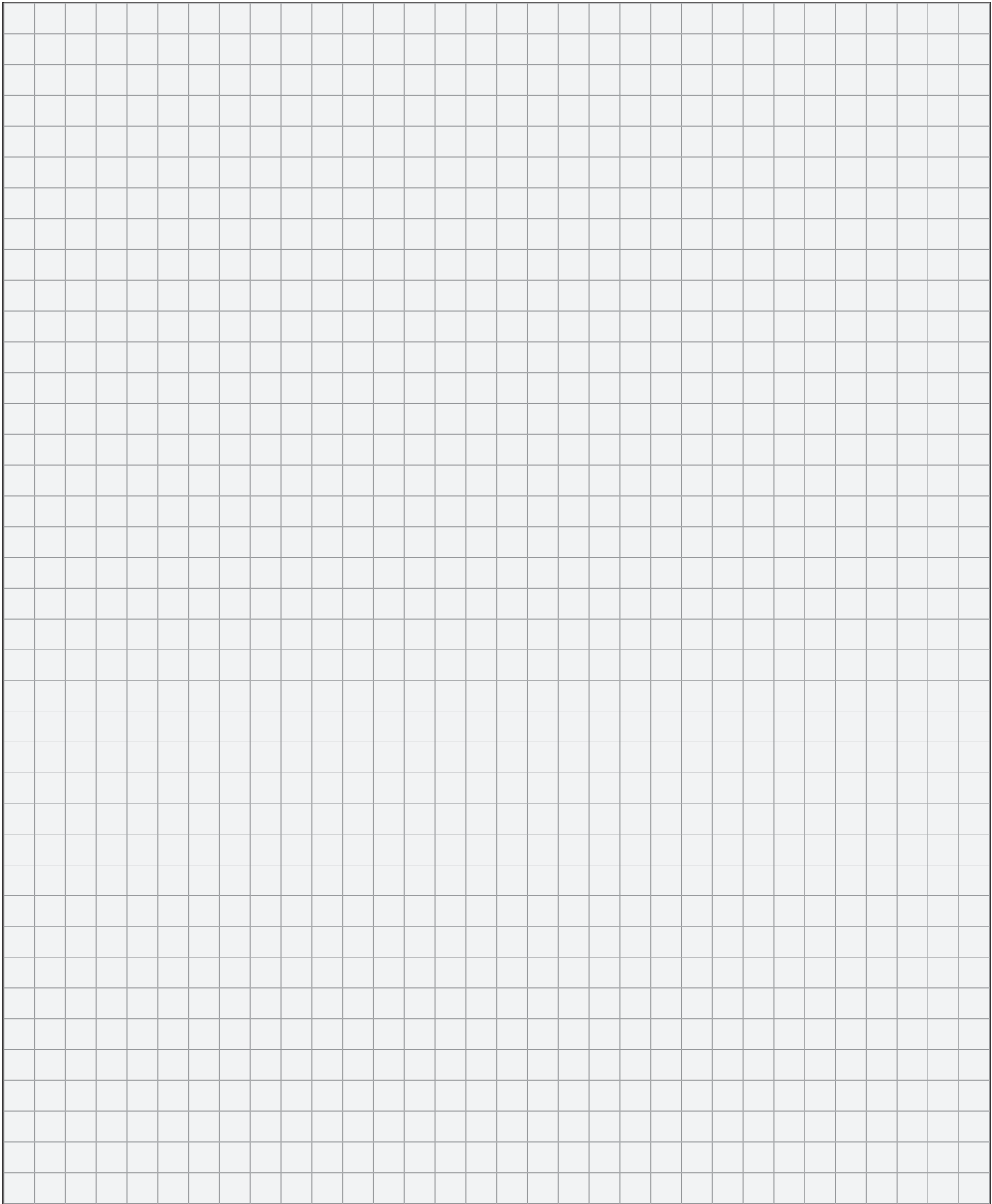
- Select the working width you require.
- Select the required accessories.

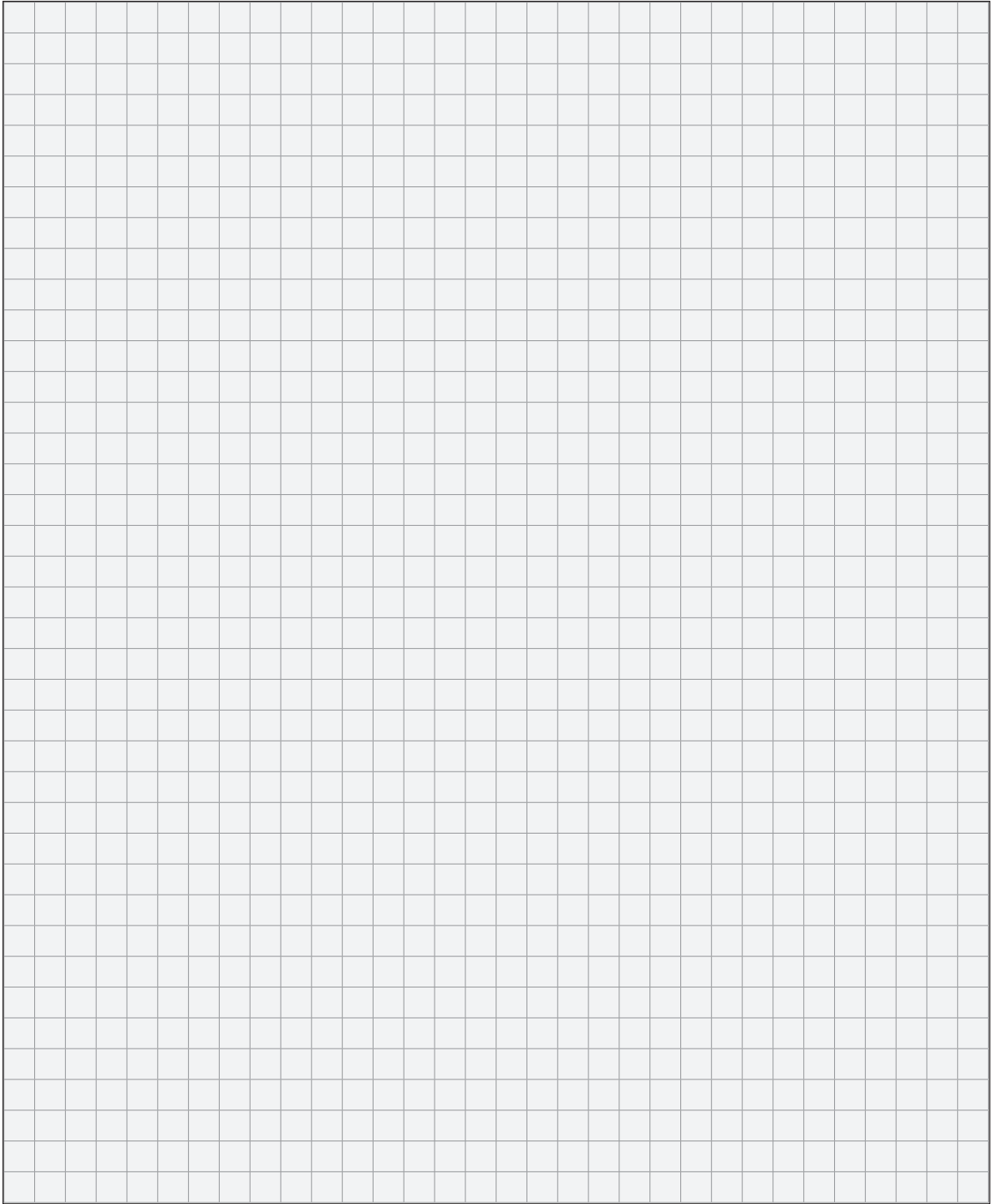
Booths

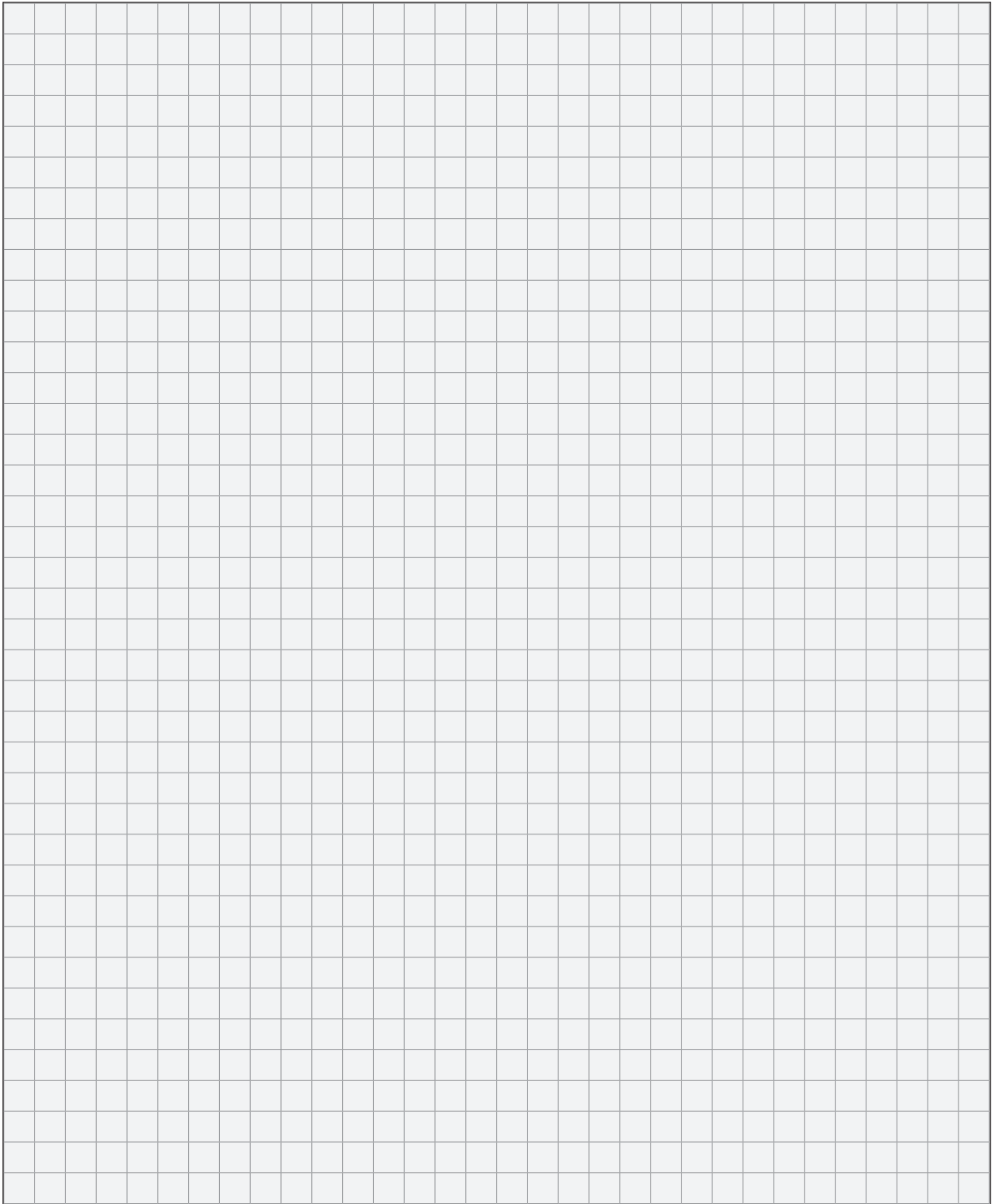
Spray wall

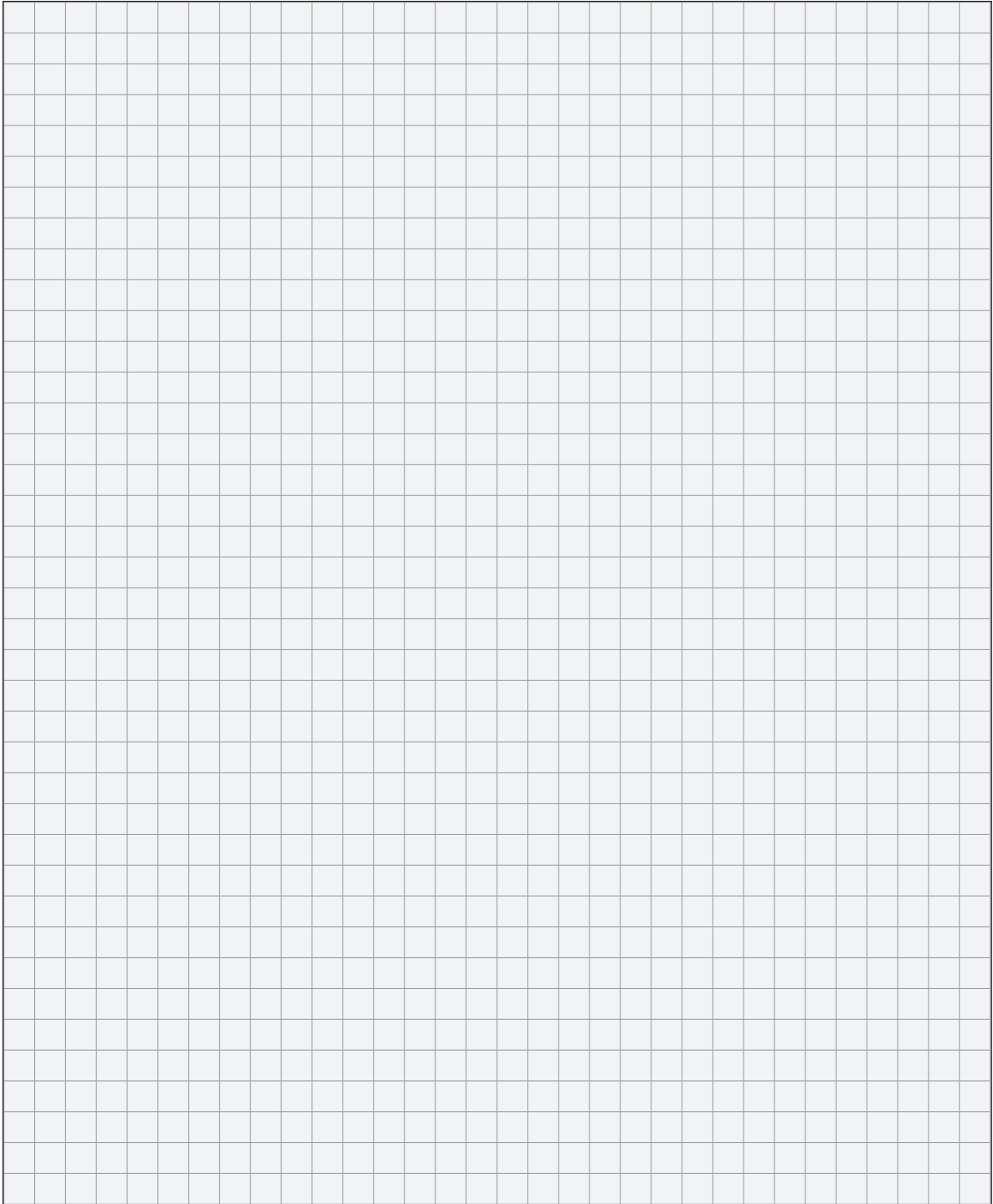
Product variants	Item no.	Price	PH 2
Water wash spray wall, type 5658 sz. 0	Typ_5658_0	-	-
Water wash spray wall, type 5658 sz. 2	Typ_5658_2	-	-
Water wash spray wall, type 5658 sz. 4	Typ_5658_4	-	-
Water wash spray wall, type 5658 sz. 5	Typ_5658_5	-	-
Water wash spray wall, type 5658 sz. 6	Typ_5658_6	-	-
Water wash spray wall, type 5658 sz. 8	Typ_5658_8	-	-

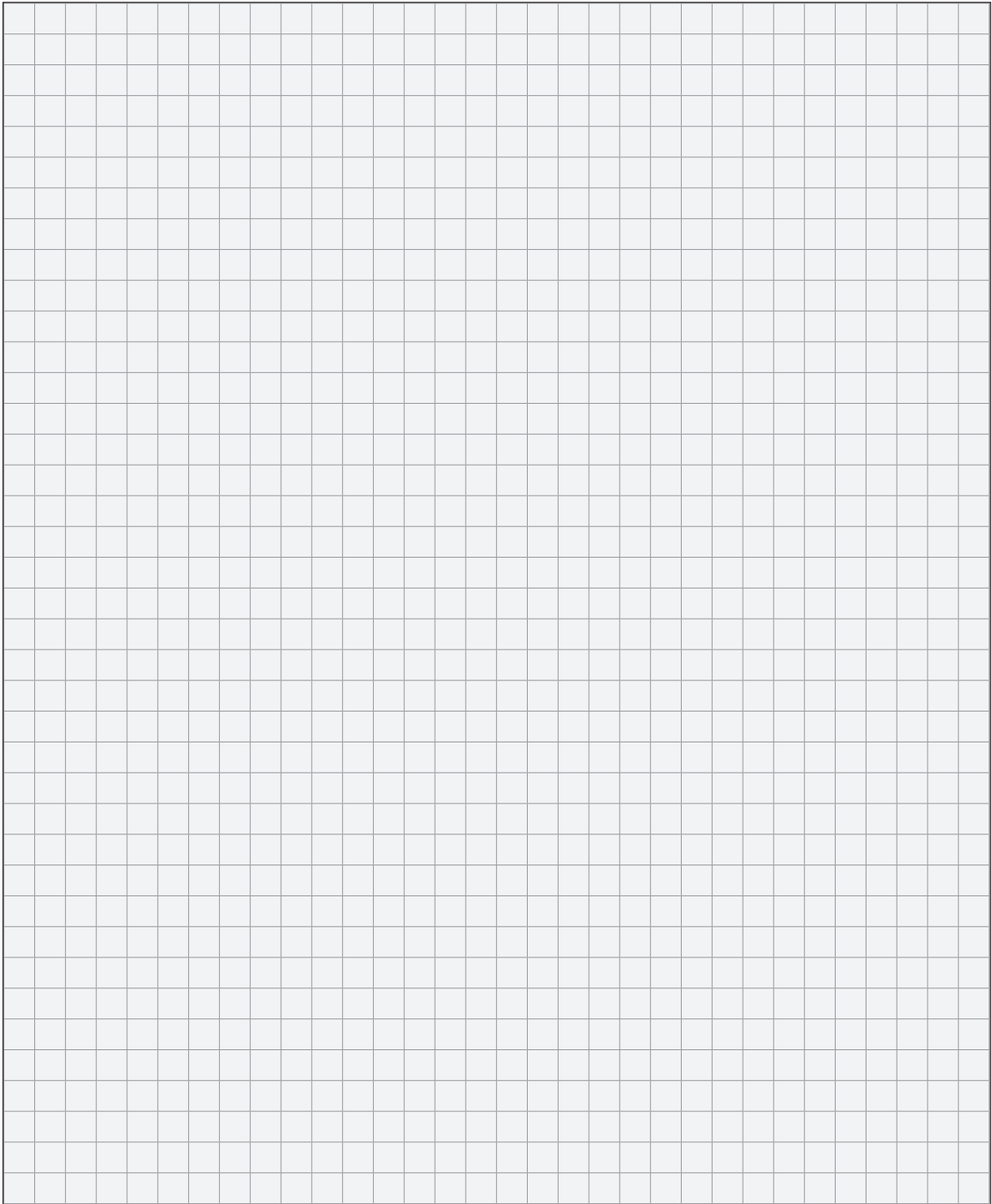
















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